

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
ALL CAUSES												
ALL RACES 3/, BOTH SEXES												
2001	848.5	683.4	33.3	15.3	19.2	66.9	95.0	96.2	113.5	165.9	240.5	354.8
2000 4/.....	854.0	736.7	32.4	15.8	20.3	67.1	93.6	91.2	111.0	159.2	239.1	352.5
1999 4/.....	857.0	736.0	34.2	16.9	20.4	68.6	90.8	90.4	113.4	160.8	236.3	346.6
ALL RACES 3/, MALE												
2001	846.4	749.8	37.0	16.7	22.8	93.7	141.1	135.6	151.2	213.7	304.8	455.4
2000 4/.....	853.0	806.5	35.9	17.6	24.2	93.3	138.0	128.8	147.9	205.4	305.9	456.3
1999 4/.....	859.2	805.0	37.9	18.6	24.4	94.7	133.1	127.0	152.0	207.6	304.0	448.0
ALL RACES 3/, FEMALE												
2001	850.4	613.9	29.5	13.9	15.3	38.5	46.8	55.8	75.2	118.2	177.2	257.2
2000 4/.....	855.0	663.4	28.7	14.0	16.1	39.3	47.1	52.8	73.6	113.2	173.4	252.0
1999 4/.....	854.9	663.6	30.3	15.0	16.2	41.0	46.6	53.2	74.4	114.4	169.8	248.5
WHITE, BOTH SEXES												
2001	895.1	570.9	30.7	14.4	17.9	64.2	87.1	87.0	102.7	151.2	218.8	322.8
2000 4/.....	900.2	610.6	29.2	14.8	19.2	64.5	85.1	81.0	99.0	144.0	215.9	317.9
1999 4/.....	901.4	606.1	30.8	15.3	19.2	65.3	81.6	80.8	101.4	144.5	210.8	310.5
WHITE, MALE												
2001	881.9	627.6	34.2	15.3	21.3	88.3	128.2	122.4	137.4	196.7	281.4	417.1
2000 4/.....	887.8	667.6	32.6	16.5	23.1	88.1	124.6	113.9	133.6	188.2	279.4	416.1
1999 4/.....	892.1	667.0	33.9	16.8	22.7	88.3	118.5	113.5	136.5	188.8	274.0	402.1
WHITE, FEMALE												
2001	907.9	511.5	27.1	13.3	14.4	38.5	43.2	49.6	66.6	104.9	155.9	229.4
2000 4/.....	912.3	550.5	25.5	13.0	15.2	39.3	43.0	46.5	63.0	99.2	152.2	220.7
1999 4/.....	910.4	542.0	27.5	13.8	15.4	40.8	42.3	46.7	65.0	99.5	147.4	219.9

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CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
ALL CAUSES												
BLACK, BOTH SEXES												
2001	773.5	1,304.5	47.5	20.7	25.8	86.3	151.3	168.8	200.5	286.0	428.4	644.1
2000 4/.....	781.1	1,426.1	49.9	21.8	26.6	87.4	155.0	168.4	206.9	283.1	434.5	666.6
1999 4/.....	788.1	1,457.3	52.6	25.2	28.0	91.9	154.4	163.5	204.9	293.5	448.6	668.3
BLACK, MALE												
2001	823.9	1,426.4	53.2	23.8	31.6	130.4	236.3	247.0	271.0	364.1	527.8	830.2
2000 4/.....	834.1	1,567.6	54.5	24.5	32.1	130.1	240.6	246.8	275.0	361.6	549.1	853.0
1999 4/.....	847.4	1,592.8	59.0	29.3	35.0	137.7	239.9	238.0	278.9	372.8	572.7	885.6
BLACK, FEMALE												
2001	727.7	1,176.3	41.7	17.5	19.8	40.8	69.4	97.5	137.3	216.6	340.6	482.8
2000 4/.....	733.0	1,279.8	45.3	19.0	21.0	43.7	73.9	97.3	145.6	213.4	333.3	505.0
1999 4/.....	734.3	1,317.4	46.1	21.0	20.7	45.2	73.2	96.1	138.6	223.2	339.3	480.9

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Salmonella infections (A01-A02)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

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[illegible]

ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

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BLACK, BOTH SEXES

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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

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Tuberculosis (A16-A19)

[illegible]

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ALL RACES 3/, BOTH SEXES

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WHITE, BOTH SEXES

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BLACK, BOTH SEXES

BLACK, MALE

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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

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Whooping cough (A37)

[illegible]

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[illegible]

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Meningococcal infection (A39)

[illegible]

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	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Septicemia (A40-A41)												
ALL RACES 3/, BOTH SEXES												
2001	11.3	7.7	0.7	0.1	0.2	0.3	0.4	0.5	0.9	1.4	2.3	4.0
2000 4/.....	11.1	7.2	0.6	0.2	0.1	0.2	0.3	0.5	0.9	1.4	2.5	3.9
1999 4/.....	11.0	7.5	0.6	0.2	0.1	0.2	0.5	0.5	0.8	1.4	2.2	3.7
ALL RACES 3/, MALE												
2001	10.2	8.4	0.8	*	0.2	0.3	0.4	0.5	0.9	1.5	2.5	4.3
2000 4/.....	9.8	7.1	0.7	0.2	*	0.2	0.4	0.6	0.9	1.4	2.6	4.4
1999 4/.....	9.8	9.0	0.6	0.2	*	*	0.5	0.5	0.9	1.5	2.6	4.2
ALL RACES 3/, FEMALE												
2001	12.4	7.0	0.6	*	*	0.3	0.3	0.5	0.9	1.2	2.1	3.8
2000 4/.....	12.3	7.3	0.6	*	*	*	0.2	0.4	0.8	1.4	2.3	3.4
1999 4/.....	12.2	5.8	0.5	0.2	*	*	0.4	0.5	0.7	1.3	1.9	3.3
WHITE, BOTH SEXES												
2001	11.1	5.4	0.7	0.2	0.2	0.2	0.3	0.4	0.7	1.1	1.8	3.2
2000 4/.....	10.8	5.7	0.6	0.2	0.1	0.2	0.2	0.4	0.6	1.1	2.0	3.0
1999 4/.....	10.6	5.5	0.5	0.2	0.1	0.2	0.4	0.4	0.7	1.0	1.7	2.8
WHITE, MALE												
2001	9.9	6.2	0.8	*	*	0.3	0.3	0.4	0.6	1.3	2.1	3.3
2000 4/.....	9.4	5.8	0.6	*	*	*	0.3	0.4	0.7	1.2	2.2	3.5
1999 4/.....	9.3	6.9	0.5	*	*	*	0.5	0.5	0.8	1.2	2.0	3.1
WHITE, FEMALE												
2001	12.3	4.6	0.6	*	*	*	0.3	0.4	0.7	0.9	1.6	3.0
2000 4/.....	12.1	5.6	0.5	*	*	*	*	0.4	0.5	1.0	1.9	2.5
1999 4/.....	11.9	4.0	0.5	*	*	*	*	0.4	0.6	0.9	1.4	2.4

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Septicemia (A40-A41)												
BLACK, BOTH SEXES												
2001	15.8	19.3	0.9	*	*	*	0.7	1.1	2.5	3.7	5.6	10.6
2000 4/.....	16.2	16.4	1.0	*	*	*	0.8	1.5	2.5	3.7	5.8	11.0
1999 4/.....	16.1	17.7	*	*	*	*	1.0	1.4	1.7	3.7	6.2	11.0
BLACK, MALE												
2001	14.9	20.1	*	*	*	*	*	*	2.5	3.7	5.7	11.6
2000 4/.....	14.9	16.0	*	*	*	*	*	2.1	2.5	3.5	5.8	12.4
1999 4/.....	15.3	19.8	*	*	*	*	*	*	2.1	4.0	7.7	12.8
BLACK, FEMALE												
2001	16.7	18.6	*	*	*	*	*	*	2.5	3.7	5.4	9.7
2000 4/.....	17.4	16.9	*	*	*	*	*	*	2.5	3.9	5.8	9.7
1999 4/.....	16.9	15.4	*	*	*	*	*	1.6	1.4	3.5	5.0	9.4

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Syphilis (A50-A53)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Syphilis (A50-A53)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Acute poliomyelitis (A80)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

THE TENTH REVISION, INTERNATIONAL CLASSIFICATION

Arthropod-borne viral encephalitis (A83-A84,A85.2)

[illegible][illegible][illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Measles (B05)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Measles (B05)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Viral hepatitis (B15-B19)												
ALL RACES 3/, BOTH SEXES												
2001	2.0	*	*	*	*	*	*	*	0.3	0.9	2.6	5.3
2000 4/.....	1.9	*	*	*	*	*	*	0.1	0.3	1.0	2.5	5.2
1999 4/.....	1.7	*	*	*	*	*	*	*	0.3	0.9	2.3	4.4
ALL RACES 3/, MALE												
2001	2.5	*	*	*	*	*	*	*	0.3	1.2	3.7	8.1
2000 4/.....	2.4	*	*	*	*	*	*	*	0.3	1.3	3.5	8.0
1999 4/.....	2.2	*	*	*	*	*	*	*	0.4	1.2	3.5	6.7
ALL RACES 3/, FEMALE												
2001	1.4	*	*	*	*	*	*	*	0.2	0.6	1.5	2.5
2000 4/.....	1.4	*	*	*	*	*	*	*	0.2	0.6	1.5	2.5
1999 4/.....	1.3	*	*	*	*	*	*	*	0.2	0.6	1.2	2.2
WHITE, BOTH SEXES												
2001	1.9	*	*	*	*	*	*	*	0.2	0.9	2.6	5.2
2000 4/.....	1.8	*	*	*	*	*	*	*	0.2	1.0	2.4	4.9
1999 4/.....	1.7	*	*	*	*	*	*	*	0.3	0.9	2.2	4.2
WHITE, MALE												
2001	2.5	*	*	*	*	*	*	*	0.3	1.2	3.7	8.1
2000 4/.....	2.4	*	*	*	*	*	*	*	0.3	1.3	3.4	7.6
1999 4/.....	2.2	*	*	*	*	*	*	*	0.4	1.3	3.3	6.1
WHITE, FEMALE												
2001	1.3	*	*	*	*	*	*	*	*	0.6	1.4	2.4
2000 4/.....	1.3	*	*	*	*	*	*	*	*	0.6	1.4	2.3
1999 4/.....	1.2	*	*	*	*	*	*	*	0.2	0.5	1.1	2.2

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Viral hepatitis (B15-B19)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Human immunodeficiency virus (HIV) disease (B20-B24)

ALL RACES 3/, BOTH SEXES

2001	5.0	*	*	*	0.1	0.2	0.9	3.1	7.3	12.3	13.7	12.1
2000 4/.....	5.1	*	*	*	0.1	0.2	0.8	3.3	8.7	12.8	13.5	12.7
1999 4/.....	5.3	*	0.2	0.2	0.1	0.2	0.9	3.9	9.5	13.0	14.6	12.4

ALL RACES 3/, MALE

2001	7.6	*	*	*	*	0.2	0.8	3.7	10.2	18.4	20.5	19.0
2000 4/.....	7.9	*	*	*	*	*	0.8	3.8	11.9	19.2	20.4	20.3
1999 4/.....	8.2	*	*	0.2	*	*	0.8	5.1	13.6	19.5	22.6	20.0

ALL RACES 3/, FEMALE

2001	2.5	*	*	*	*	0.2	1.0	2.5	4.4	6.3	7.0	5.4
2000 4/.....	2.5	*	*	*	*	*	0.7	2.9	5.5	6.4	6.7	5.3
1999 4/.....	2.5	*	*	*	*	*	1.0	2.7	5.4	6.6	6.9	5.0

WHITE, BOTH SEXES

2001	2.7	*	*	*	*	*	0.3	1.3	3.8	7.1	7.5	6.4
2000 4/.....	2.8	*	*	*	*	*	0.3	1.5	4.5	7.6	7.5	6.9
1999 4/.....	3.0	*	*	*	*	*	0.4	2.0	5.4	7.9	8.1	6.5

WHITE, MALE

2001	4.5	*	*	*	*	*	0.4	1.8	5.8	11.6	12.6	10.8
2000 4/.....	4.7	*	*	*	*	*	0.4	2.0	7.1	12.5	12.3	11.7
1999 4/.....	5.0	*	*	*	*	*	0.4	2.8	8.6	13.0	13.4	11.0

WHITE, FEMALE

2001	0.9	*	*	*	*	*	0.3	0.8	1.6	2.4	2.4	2.0
2000 4/.....	1.0	*	*	*	*	*	*	1.0	1.9	2.6	2.7	2.1
1999 4/.....	1.0	*	*	*	*	*	0.3	1.0	2.1	2.7	2.8	2.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Human immunodeficiency virus (HIV) disease (B20-B24)												
BLACK, BOTH SEXES												
2001	21.1	*	*	*	*	1.1	4.4	14.5	31.5	48.8	58.8	56.5
2000 4/.....	21.4	*	*	*	*	0.7	3.7	15.2	37.1	49.8	57.3	58.7
1999 4/.....	21.8	*	*	0.7	*	0.7	4.1	16.6	37.8	49.9	62.8	59.0
BLACK, MALE												
2001	30.1	*	*	*	*	*	3.5	16.8	42.3	69.2	82.8	87.5
2000 4/.....	31.0	*	*	*	*	*	3.6	16.4	47.9	71.2	84.1	92.7
1999 4/.....	31.9	*	*	*	*	*	3.5	21.1	50.6	69.9	94.9	96.1
BLACK, FEMALE												
2001	12.9	*	*	*	*	*	5.2	12.4	21.8	30.7	37.5	29.7
2000 4/.....	12.8	*	*	*	*	*	3.8	14.1	27.4	30.8	33.7	29.2
1999 4/.....	12.6	*	*	*	*	*	4.7	12.5	26.3	32.2	34.6	26.9

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Malaria (B50-B54)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)

ALL RACES 3/, BOTH SEXES

2001	2.0	4.7	0.4	0.2	0.1	0.2	0.2	0.3	0.4	0.7	0.9	1.5
2000 4/.....	2.0	4.4	0.5	0.1	0.2	0.2	0.3	0.3	0.4	0.7	0.8	1.4
1999 4/.....	2.6	5.3	0.5	0.2	0.2	0.2	0.3	0.5	0.7	1.0	1.4	2.0

ALL RACES 3/, MALE

2001	2.1	4.9	0.5	*	*	0.2	0.3	0.3	0.5	0.8	1.2	2.1
2000 4/.....	2.1	4.8	0.5	*	*	0.2	0.3	0.3	0.4	0.9	1.0	1.7
1999 4/.....	2.7	6.1	0.6	0.2	0.2	0.2	0.3	0.5	0.8	1.3	1.7	2.4

ALL RACES 3/, FEMALE

2001	1.9	4.6	0.4	0.2	*	*	*	0.3	0.4	0.6	0.6	0.9
2000 4/.....	1.9	3.9	0.4	*	*	*	0.2	0.3	0.4	0.5	0.6	1.1
1999 4/.....	2.5	4.5	0.4	0.2	*	0.2	0.2	0.5	0.6	0.7	1.1	1.6

WHITE, BOTH SEXES

2001	2.0	3.8	0.4	0.2	0.1	0.2	0.2	0.3	0.3	0.6	0.8	1.4
2000 4/.....	2.0	3.4	0.4	0.2	0.2	0.2	0.3	0.2	0.3	0.6	0.7	1.3
1999 4/.....	2.5	4.5	0.5	0.2	0.2	0.2	0.2	0.4	0.5	0.8	1.1	1.6

WHITE, MALE

2001	2.1	3.9	0.4	*	*	*	*	0.3	0.4	0.7	1.0	1.9
2000 4/.....	2.1	3.9	0.4	*	*	*	0.3	*	0.3	0.7	0.9	1.5
1999 4/.....	2.6	5.6	0.6	*	*	*	*	0.3	0.6	1.2	1.4	2.0

WHITE, FEMALE

2001	1.9	3.8	*	*	*	*	*	*	0.2	0.5	0.6	0.8
2000 4/.....	1.9	2.9	0.4	*	*	*	*	*	0.3	0.4	0.6	1.0
1999 4/.....	2.5	3.4	*	*	*	*	*	0.4	0.5	0.5	0.7	1.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)

BLACK, BOTH SEXES

2001	2.2	9.5	*	*	*	*	*	*	1.0	1.4	1.8	2.5
2000 4/.....	2.3	9.9	*	*	*	*	*	*	1.2	1.6	1.7	2.6
1999 4/.....	3.5	9.9	0.9	*	*	*	*	1.1	2.1	2.5	3.6	5.1

BLACK, MALE

2001	2.4	10.8	*	*	*	*	*	*	*	1.7	2.7	3.6
2000 4/.....	2.5	9.9	*	*	*	*	*	*	*	2.2	2.1	3.2
1999 4/.....	3.6	10.1	*	*	*	*	*	*	2.6	2.7	3.6	5.8

BLACK, FEMALE

2001	2.0	8.2	*	*	*	*	*	*	*	*	*	1.6
2000 4/.....	2.1	9.9	*	*	*	*	*	*	*	*	*	2.1
1999 4/.....	3.4	9.7	*	*	*	*	*	*	1.6	2.4	3.5	4.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms (C00-C97)												
ALL RACES 3/, BOTH SEXES												
2001	194.4	1.6	2.7	2.4	2.5	3.6	4.9	7.3	12.6	24.6	48.7	92.4
2000 4/.....	196.5	2.4	2.7	2.4	2.6	3.7	5.1	7.0	12.5	24.5	48.8	93.6
1999 4/.....	197.0	1.8	2.7	2.5	2.5	3.7	5.3	7.3	12.5	25.2	49.4	93.7
ALL RACES 3/, MALE												
2001	205.3	1.5	2.9	2.4	2.6	4.3	5.7	7.2	11.2	21.0	44.0	91.7
2000 4/.....	207.2	2.6	3.0	2.6	2.9	4.3	5.9	7.1	11.3	21.2	44.4	93.5
1999 4/.....	208.9	1.9	2.9	2.6	2.7	4.3	6.1	7.6	11.6	21.6	45.5	94.7
ALL RACES 3/, FEMALE												
2001	183.9	1.8	2.5	2.4	2.3	2.9	4.1	7.4	14.0	28.1	53.5	93.2
2000 4/.....	186.2	2.3	2.5	2.2	2.2	3.0	4.2	7.0	13.7	27.8	53.2	93.7
1999 4/.....	185.6	1.7	2.5	2.3	2.3	3.0	4.4	7.0	13.4	28.7	53.3	92.7
WHITE, BOTH SEXES												
2001	206.4	1.7	3.0	2.5	2.4	3.7	5.0	7.2	12.2	23.7	46.4	87.8
2000 4/.....	208.6	2.5	2.8	2.5	2.6	3.6	5.1	7.0	12.1	23.3	45.8	88.2
1999 4/.....	208.7	1.8	2.9	2.5	2.4	3.6	5.2	7.3	12.1	24.0	46.8	88.5
WHITE, MALE												
2001	216.4	1.5	3.1	2.4	2.4	4.4	5.8	7.2	11.2	20.5	41.9	86.5
2000 4/.....	218.1	2.8	3.1	2.6	2.9	4.2	5.9	7.1	11.2	20.5	41.4	87.7
1999 4/.....	219.5	2.0	3.2	2.7	2.6	4.1	5.9	7.6	11.3	21.1	43.1	88.0
WHITE, FEMALE												
2001	196.7	2.0	2.8	2.5	2.4	2.9	4.1	7.2	13.3	27.1	51.0	89.0
2000 4/.....	199.4	2.3	2.4	2.3	2.3	3.0	4.2	7.0	13.0	26.3	50.1	88.7
1999 4/.....	198.2	1.5	2.7	2.2	2.2	3.0	4.3	7.0	12.9	27.1	50.5	89.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Malignant neoplasms (C00-C97)

BLACK, BOTH SEXES

2001	167.1	*	1.9	2.4	2.8	3.6	5.1	9.1	16.4	32.7	70.4	137.8
2000 4/.....	169.3	*	2.8	2.1	2.3	4.4	5.9	8.0	15.8	34.5	74.4	145.6
1999 4/.....	171.3	*	2.0	2.4	3.0	4.5	6.6	8.6	15.8	35.8	73.3	144.5

BLACK, MALE

2001	184.5	*	2.4	2.5	3.4	4.3	5.9	8.5	12.4	26.8	62.8	143.6
2000 4/.....	188.5	*	2.7	2.4	2.7	5.2	7.1	7.3	12.9	27.6	70.3	151.8
1999 4/.....	191.0	*	2.1	2.3	3.3	5.6	7.3	8.8	14.0	27.8	68.3	160.5

BLACK, FEMALE

2001	151.3	*	*	2.2	2.2	2.9	4.3	9.7	20.0	37.9	77.1	132.8
2000 4/.....	151.8	*	2.9	1.8	2.0	3.5	4.7	8.5	18.3	40.5	78.1	140.2
1999 4/.....	153.3	*	1.9	2.6	2.7	3.4	5.9	8.3	17.5	43.0	77.7	130.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)												
ALL RACES 3/, BOTH SEXES												
2001	2.7	*	*	*	*	*	*	*	0.2	0.4	0.8	2.1
2000 4/.....	2.7	*	*	*	*	*	*	*	0.2	0.4	0.9	2.0
1999 4/.....	2.7	*	*	*	*	*	*	*	0.1	0.4	0.9	2.3
ALL RACES 3/, MALE												
2001	3.7	*	*	*	*	*	*	*	0.2	0.5	1.2	3.2
2000 4/.....	3.6	*	*	*	*	*	*	*	*	0.5	1.4	3.1
1999 4/.....	3.6	*	*	*	*	*	*	*	*	0.5	1.3	3.6
ALL RACES 3/, FEMALE												
2001	1.8	*	*	*	*	*	*	*	*	0.3	0.4	1.0
2000 4/.....	1.8	*	*	*	*	*	*	*	*	0.2	0.4	1.0
1999 4/.....	1.8	*	*	*	*	*	*	*	*	0.3	0.4	1.0
WHITE, BOTH SEXES												
2001	2.7	*	*	*	*	*	*	*	0.1	0.3	0.7	1.7
2000 4/.....	2.7	*	*	*	*	*	*	*	0.1	0.3	0.7	1.7
1999 4/.....	2.7	*	*	*	*	*	*	*	0.1	0.3	0.7	1.8
WHITE, MALE												
2001	3.6	*	*	*	*	*	*	*	*	0.4	1.0	2.6
2000 4/.....	3.5	*	*	*	*	*	*	*	*	0.4	1.1	2.7
1999 4/.....	3.5	*	*	*	*	*	*	*	*	0.4	1.1	2.7
WHITE, FEMALE												
2001	1.9	*	*	*	*	*	*	*	*	*	0.3	0.8
2000 4/.....	1.9	*	*	*	*	*	*	*	*	0.2	0.4	0.8
1999 4/.....	1.9	*	*	*	*	*	*	*	*	0.3	0.4	0.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

SEX: BOTH SEXES												
Year	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990
2001	2.9	*	*	*	*	*	*	*	*	0.8	1.7	4.3
2000 4/.....	3.0	*	*	*	*	*	*	*	*	*	1.6	4.1
1999 4/.....	3.2	*	*	*	*	*	*	*	*	0.8	1.5	5.9

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[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

	BLACK, MALE												
2001	7.0	*	*	*	*	*	*	*	*	*		2.6	6.0
2000 4/.....	6.7	*	*	*	*	*	*	*	*	*		2.4	6.3
1999 4/.....	7.0	*	*	*	*	*	*	*	*	*		3.2	7.4

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of stomach (C16)												
ALL RACES 3/, BOTH SEXES												
2001	4.3	*	*	*	*	*	*	0.2	0.4	0.8	1.3	2.2
2000 4/.....	4.5	*	*	*	*	*	*	0.2	0.4	0.7	1.4	2.3
1999 4/.....	4.6	*	*	*	*	*	*	0.2	0.4	0.8	1.4	2.3
ALL RACES 3/, MALE												
2001	5.1	*	*	*	*	*	*	0.2	0.5	0.9	1.4	2.8
2000 4/.....	5.3	*	*	*	*	*	*	0.2	0.5	0.9	1.7	2.9
1999 4/.....	5.5	*	*	*	*	*	*	0.2	0.5	0.9	1.7	3.1
ALL RACES 3/, FEMALE												
2001	3.5	*	*	*	*	*	*	*	0.4	0.7	1.1	1.6
2000 4/.....	3.7	*	*	*	*	*	*	*	0.4	0.6	1.2	1.7
1999 4/.....	3.7	*	*	*	*	*	*	0.3	0.3	0.8	1.2	1.5
WHITE, BOTH SEXES												
2001	4.1	*	*	*	*	*	*	0.2	0.4	0.6	1.1	1.9
2000 4/.....	4.2	*	*	*	*	*	*	0.1	0.3	0.6	1.1	1.9
1999 4/.....	4.3	*	*	*	*	*	*	0.2	0.4	0.7	1.1	2.0
WHITE, MALE												
2001	4.9	*	*	*	*	*	*	*	0.4	0.7	1.2	2.4
2000 4/.....	5.0	*	*	*	*	*	*	*	0.4	0.7	1.2	2.3
1999 4/.....	5.1	*	*	*	*	*	*	*	0.5	0.7	1.2	2.7
WHITE, FEMALE												
2001	3.3	*	*	*	*	*	*	*	0.3	0.5	1.0	1.3
2000 4/.....	3.5	*	*	*	*	*	*	*	0.3	0.5	1.0	1.5
1999 4/.....	3.4	*	*	*	*	*	*	*	*	0.6	0.9	1.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of stomach (C16)												
BLACK, BOTH SEXES												
2001	5.6	*	*	*	*	*	*	*	0.8	1.7	2.5	3.7
2000 4/.....	5.9	*	*	*	*	*	*	*	0.9	1.3	2.9	4.7
1999 4/.....	6.1	*	*	*	*	*	*	*	0.8	1.4	3.2	3.9
BLACK, MALE												
2001	6.7	*	*	*	*	*	*	*	*	1.8	2.8	5.0
2000 4/.....	7.0	*	*	*	*	*	*	*	*	1.9	3.9	6.6
1999 4/.....	7.3	*	*	*	*	*	*	*	*	1.4	4.0	5.7
BLACK, FEMALE												
2001	4.5	*	*	*	*	*	*	*	*	1.5	2.2	2.5
2000 4/.....	5.0	*	*	*	*	*	*	*	*	*	1.9	3.0
1999 4/.....	5.0	*	*	*	*	*	*	*	*	1.3	2.4	2.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of colon, rectum and anus (C18-C21)												
ALL RACES 3/, BOTH SEXES												
2001	20.0	*	*	*	*	*	0.2	0.4	1.1	2.3	4.1	8.4
2000 4/.....	20.4	*	*	*	*	*	0.1	0.4	0.9	2.1	4.0	8.2
1999 4/.....	20.5	*	*	*	*	*	0.2	0.4	1.0	1.9	4.0	8.3
ALL RACES 3/, MALE												
2001	20.2	*	*	*	*	*	*	0.4	1.1	2.6	4.3	9.5
2000 4/.....	20.6	*	*	*	*	*	*	0.4	1.1	2.4	4.4	9.0
1999 4/.....	20.6	*	*	*	*	*	0.2	0.6	1.0	2.0	4.1	9.1
ALL RACES 3/, FEMALE												
2001	19.8	*	*	*	*	*	*	0.5	1.0	1.9	3.8	7.4
2000 4/.....	20.2	*	*	*	*	*	*	0.4	0.8	1.8	3.5	7.5
1999 4/.....	20.3	*	*	*	*	*	*	0.3	0.9	1.9	3.9	7.5
WHITE, BOTH SEXES												
2001	21.0	*	*	*	*	*	0.2	0.4	1.0	2.1	3.8	7.7
2000 4/.....	21.5	*	*	*	*	*	*	0.4	0.9	1.9	3.6	7.5
1999 4/.....	21.6	*	*	*	*	*	0.2	0.4	0.9	1.8	3.7	7.7
WHITE, MALE												
2001	21.2	*	*	*	*	*	*	0.4	1.1	2.5	4.0	8.7
2000 4/.....	21.6	*	*	*	*	*	*	0.4	1.0	2.2	3.9	8.3
1999 4/.....	21.8	*	*	*	*	*	*	0.5	0.9	1.9	3.9	8.5
WHITE, FEMALE												
2001	20.7	*	*	*	*	*	*	0.4	0.9	1.8	3.6	6.7
2000 4/.....	21.4	*	*	*	*	*	*	0.3	0.7	1.6	3.3	6.6
1999 4/.....	21.4	*	*	*	*	*	*	0.3	0.9	1.7	3.5	6.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of colon, rectum and anus (C18-C21)												
BLACK, BOTH SEXES												
2001	18.6	*	*	*	*	*	*	*	1.6	3.4	6.5	14.5
2000 4/.....	18.8	*	*	*	*	*	*	*	1.5	3.7	6.6	15.2
1999 4/.....	18.7	*	*	*	*	*	*	0.8	1.3	3.1	6.6	13.3
BLACK, MALE												
2001	18.4	*	*	*	*	*	*	*	1.8	3.8	7.6	16.4
2000 4/.....	19.1	*	*	*	*	*	*	*	1.7	4.0	8.0	16.4
1999 4/.....	18.6	*	*	*	*	*	*	*	*	3.1	6.3	15.0
BLACK, FEMALE												
2001	18.8	*	*	*	*	*	*	*	*	3.0	5.6	12.8
2000 4/.....	18.5	*	*	*	*	*	*	*	1.4	3.4	5.3	14.2
1999 4/.....	18.9	*	*	*	*	*	*	*	*	3.1	6.7	11.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of liver and intrahepatic bile ducts (C22)												
ALL RACES 3/, BOTH SEXES												
2001	4.7	*	*	*	*	*	*	0.2	0.2	0.6	1.2	3.8
2000 4/.....	4.6	*	0.1	*	*	*	*	0.1	0.3	0.5	1.4	3.7
1999 4/.....	4.4	*	0.2	*	*	*	0.1	0.2	0.2	0.6	1.4	3.4
ALL RACES 3/, MALE												
2001	6.1	*	*	*	*	*	*	*	0.3	0.9	1.8	6.0
2000 4/.....	5.9	*	*	*	*	*	*	*	0.4	0.7	2.0	6.0
1999 4/.....	5.6	*	0.3	*	*	*	*	0.2	0.3	0.8	2.1	5.5
ALL RACES 3/, FEMALE												
2001	3.4	*	*	*	*	*	*	*	*	0.3	0.5	1.7
2000 4/.....	3.3	*	*	*	*	*	*	*	*	0.3	0.8	1.4
1999 4/.....	3.3	*	*	*	*	*	*	*	*	0.3	0.8	1.3
WHITE, BOTH SEXES												
2001	4.6	*	*	*	*	*	*	*	0.2	0.5	0.8	3.2
2000 4/.....	4.5	*	*	*	*	*	*	*	0.2	0.4	1.1	3.1
1999 4/.....	4.4	*	0.2	*	*	*	*	*	*	0.4	1.1	2.7
WHITE, MALE												
2001	5.9	*	*	*	*	*	*	*	*	0.6	1.3	5.0
2000 4/.....	5.7	*	*	*	*	*	*	*	*	0.4	1.5	4.8
1999 4/.....	5.5	*	*	*	*	*	*	*	*	0.5	1.7	4.3
WHITE, FEMALE												
2001	3.3	*	*	*	*	*	*	*	*	0.3	0.4	1.4
2000 4/.....	3.3	*	*	*	*	*	*	*	*	0.3	0.6	1.3
1999 4/.....	3.3	*	*	*	*	*	*	*	*	0.3	0.6	1.2

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of pancreas (C25)												
ALL RACES 3/, BOTH SEXES												
2001	10.5	*	*	*	*	*	*	*	0.2	0.8	1.8	4.0
2000 4/.....	10.4	*	*	*	*	*	*	*	0.2	0.6	1.8	4.2
1999 4/.....	10.4	*	*	*	*	*	*	*	0.2	0.8	1.9	4.5
ALL RACES 3/, MALE												
2001	10.3	*	*	*	*	*	*	*	0.2	0.9	2.0	4.9
2000 4/.....	10.3	*	*	*	*	*	*	*	0.2	0.8	2.1	5.4
1999 4/.....	10.4	*	*	*	*	*	*	*	0.3	0.9	2.4	5.9
ALL RACES 3/, FEMALE												
2001	10.6	*	*	*	*	*	*	*	*	0.6	1.6	3.1
2000 4/.....	10.5	*	*	*	*	*	*	*	*	0.5	1.5	3.0
1999 4/.....	10.5	*	*	*	*	*	*	*	0.2	0.6	1.4	3.1
WHITE, BOTH SEXES												
2001	11.1	*	*	*	*	*	*	*	0.2	0.7	1.7	3.8
2000 4/.....	11.0	*	*	*	*	*	*	*	0.2	0.6	1.7	4.1
1999 4/.....	11.0	*	*	*	*	*	*	*	0.2	0.7	1.8	4.4
WHITE, MALE												
2001	11.0	*	*	*	*	*	*	*	0.2	0.8	1.9	4.7
2000 4/.....	10.9	*	*	*	*	*	*	*	*	0.7	2.0	5.3
1999 4/.....	10.9	*	*	*	*	*	*	*	*	0.9	2.3	5.8
WHITE, FEMALE												
2001	11.2	*	*	*	*	*	*	*	*	0.6	1.6	2.9
2000 4/.....	11.1	*	*	*	*	*	*	*	*	0.4	1.4	2.9
1999 4/.....	11.0	*	*	*	*	*	*	*	*	0.6	1.3	3.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible]

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

ALL RACES 3/, BOTH SEXES

[illegible][illegible][illegible][illegible][illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Malignant neoplasms of trachea, bronchus and lung (C33-C34)

ALL RACES 3/, BOTH SEXES

2001	54.8	*	*	*	*	*	*	0.2	0.6	2.9	9.5	20.5
2000 4/.....	55.3	*	*	*	*	*	*	0.2	0.8	2.9	9.3	21.0
1999 4/.....	54.5	*	*	*	*	*	*	0.2	0.7	2.9	9.3	19.9

ALL RACES 3/, MALE

2001	64.7	*	*	*	*	*	*	*	0.6	2.8	10.5	24.3
2000 4/.....	65.5	*	*	*	*	*	*	0.3	0.7	3.3	10.5	25.7
1999 4/.....	65.4	*	*	*	*	*	*	0.2	0.7	2.8	10.5	24.3

ALL RACES 3/, FEMALE

2001	45.3	*	*	*	*	*	*	*	0.6	2.9	8.4	16.8
2000 4/.....	45.4	*	*	*	*	*	*	*	0.8	2.6	8.1	16.5
1999 4/.....	44.1	*	*	*	*	*	*	*	0.6	3.0	8.1	15.7

WHITE, BOTH SEXES

2001	59.1	*	*	*	*	*	*	0.2	0.6	2.9	9.1	19.3
2000 4/.....	59.5	*	*	*	*	*	*	0.2	0.8	2.7	8.6	19.5
1999 4/.....	58.5	*	*	*	*	*	*	0.2	0.7	2.7	8.8	18.4

WHITE, MALE

2001	68.6	*	*	*	*	*	*	*	0.6	2.8	9.7	22.2
2000 4/.....	69.4	*	*	*	*	*	*	0.3	0.7	3.0	9.3	23.5
1999 4/.....	69.1	*	*	*	*	*	*	*	0.8	2.6	9.7	21.9

WHITE, FEMALE

2001	49.8	*	*	*	*	*	*	*	0.6	3.0	8.4	16.4
2000 4/.....	49.9	*	*	*	*	*	*	*	0.8	2.4	8.0	15.6
1999 4/.....	48.2	*	*	*	*	*	*	*	0.6	2.8	7.9	15.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of trachea, bronchus and lung (C33-C34)												
BLACK, BOTH SEXES												
2001	43.1	*	*	*	*	*	*	*	*	3.5	14.5	32.6
2000 4/.....	43.9	*	*	*	*	*	*	*	0.9	4.8	15.7	35.5
1999 4/.....	44.1	*	*	*	*	*	*	*	*	4.5	14.5	35.1
BLACK, MALE												
2001	57.2	*	*	*	*	*	*	*	*	3.9	18.3	45.0
2000 4/.....	58.3	*	*	*	*	*	*	*	*	5.8	21.4	47.4
1999 4/.....	58.9	*	*	*	*	*	*	*	*	4.5	18.6	48.8
BLACK, FEMALE												
2001	30.2	*	*	*	*	*	*	*	*	3.2	11.1	21.9
2000 4/.....	30.8	*	*	*	*	*	*	*	*	4.0	10.7	25.1
1999 4/.....	30.7	*	*	*	*	*	*	*	*	4.5	10.8	23.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant melanoma of skin (C43)												
ALL RACES 3/, BOTH SEXES												
2001	2.6	*	*	*	*	*	0.2	0.4	0.6	1.0	1.8	2.6
2000 4/.....	2.6	*	*	*	*	*	0.2	0.3	0.6	1.0	1.7	2.7
1999 4/.....	2.6	*	*	*	*	*	0.2	0.3	0.6	1.0	1.7	2.6
ALL RACES 3/, MALE												
2001	3.4	*	*	*	*	*	*	0.4	0.6	1.2	2.2	3.2
2000 4/.....	3.3	*	*	*	*	*	*	0.3	0.7	1.0	2.1	3.2
1999 4/.....	3.3	*	*	*	*	*	*	0.4	0.7	1.3	2.2	3.5
ALL RACES 3/, FEMALE												
2001	1.9	*	*	*	*	*	*	0.3	0.5	0.7	1.4	1.9
2000 4/.....	2.0	*	*	*	*	*	*	0.3	0.5	1.0	1.4	2.1
1999 4/.....	1.9	*	*	*	*	*	*	0.2	0.6	0.8	1.3	1.8
WHITE, BOTH SEXES												
2001	3.2	*	*	*	*	*	0.2	0.5	0.7	1.2	2.2	3.1
2000 4/.....	3.1	*	*	*	*	*	0.2	0.4	0.8	1.2	2.0	3.1
1999 4/.....	3.1	*	*	*	*	*	0.2	0.4	0.8	1.3	2.1	3.1
WHITE, MALE												
2001	4.1	*	*	*	*	*	*	0.5	0.7	1.4	2.6	3.8
2000 4/.....	4.0	*	*	*	*	*	*	0.4	0.9	1.2	2.5	3.8
1999 4/.....	4.0	*	*	*	*	*	*	0.5	0.8	1.6	2.7	4.1
WHITE, FEMALE												
2001	2.3	*	*	*	*	*	*	0.4	0.6	0.9	1.7	2.3
2000 4/.....	2.3	*	*	*	*	*	*	0.3	0.6	1.2	1.6	2.5
1999 4/.....	2.3	*	*	*	*	*	*	0.3	0.7	0.9	1.5	2.2

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of breast (C50)												
ALL RACES 3/, BOTH SEXES												
2001	14.7	*	*	*	*	*	*	0.5	1.8	4.3	8.2	13.4
2000 4/.....	15.0	*	*	*	*	*	*	0.4	1.9	4.3	8.3	13.6
1999 4/.....	14.9	*	*	*	*	*	*	0.4	1.7	4.3	7.9	13.3
ALL RACES 3/, MALE												
2001	0.3	*	*	*	*	*	*	*	*	*	*	*
2000 4/.....	0.3	*	*	*	*	*	*	*	*	*	*	*
1999 4/.....	0.3	*	*	*	*	*	*	*	*	*	*	*
ALL RACES 3/, FEMALE												
2001	28.6	*	*	*	*	*	*	0.9	3.6	8.6	16.2	26.3
2000 4/.....	29.2	*	*	*	*	*	*	0.8	3.8	8.5	16.4	26.6
1999 4/.....	28.9	*	*	*	*	*	*	0.9	3.4	8.5	15.6	26.1
WHITE, BOTH SEXES												
2001	15.2	*	*	*	*	*	*	0.4	1.5	3.9	7.3	12.4
2000 4/.....	15.7	*	*	*	*	*	*	0.4	1.6	3.9	7.5	12.4
1999 4/.....	15.5	*	*	*	*	*	*	0.4	1.5	3.7	7.1	12.1
WHITE, MALE												
2001	0.3	*	*	*	*	*	*	*	*	*	*	*
2000 4/.....	0.3	*	*	*	*	*	*	*	*	*	*	*
1999 4/.....	0.3	*	*	*	*	*	*	*	*	*	*	*
WHITE, FEMALE												
2001	29.8	*	*	*	*	*	*	0.8	3.0	7.8	14.7	24.5
2000 4/.....	30.7	*	*	*	*	*	*	0.8	3.3	7.7	15.0	24.4
1999 4/.....	30.2	*	*	*	*	*	*	0.8	3.0	7.5	14.2	23.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of breast (C50)												
BLACK, BOTH SEXES												
2001	15.0	*	*	*	*	*	*	1.1	4.0	7.5	14.8	22.6
2000 4/.....	14.8	*	*	*	*	*	*	0.7	3.7	7.7	14.8	23.9
1999 4/.....	15.0	*	*	*	*	*	*	0.9	3.7	8.8	14.6	24.2
BLACK, MALE												
2001	0.4	*	*	*	*	*	*	*	*	*	*	*
2000 4/.....	0.4	*	*	*	*	*	*	*	*	*	*	*
1999 4/.....	0.4	*	*	*	*	*	*	*	*	*	*	*
BLACK, FEMALE												
2001	28.3	*	*	*	*	*	*	2.2	7.6	14.2	27.5	41.9
2000 4/.....	27.9	*	*	*	*	*	*	*	7.1	14.3	27.7	44.3
1999 4/.....	28.2	*	*	*	*	*	*	1.8	6.9	16.3	27.5	44.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasm of cervix uteri (C53)												
ALL RACES 3/, BOTH SEXES												
2001	1.4	*	*	*	*	*	*	0.3	0.8	1.3	1.8	2.3
2000 4/.....	1.5	*	*	*	*	*	*	0.4	0.7	1.3	1.8	2.2
1999 4/.....	1.5	*	*	*	*	*	*	0.3	0.8	1.3	1.8	2.4
ALL RACES 3/, FEMALE												
2001	2.8	*	*	*	*	*	*	0.5	1.5	2.6	3.7	4.5
2000 4/.....	2.9	*	*	*	*	*	*	0.8	1.5	2.6	3.5	4.4
1999 4/.....	3.0	*	*	*	*	*	*	0.6	1.5	2.5	3.6	4.6
WHITE, BOTH SEXES												
2001	1.3	*	*	*	*	*	*	0.3	0.7	1.3	1.7	2.2
2000 4/.....	1.4	*	*	*	*	*	*	0.4	0.7	1.2	1.6	2.0
1999 4/.....	1.4	*	*	*	*	*	*	0.3	0.7	1.2	1.7	2.3
WHITE, FEMALE												
2001	2.7	*	*	*	*	*	*	0.6	1.5	2.5	3.5	4.3
2000 4/.....	2.7	*	*	*	*	*	*	0.8	1.4	2.4	3.1	4.0
1999 4/.....	2.8	*	*	*	*	*	*	0.7	1.5	2.4	3.4	4.5
BLACK, BOTH SEXES												
2001	2.1	*	*	*	*	*	*	*	1.1	1.8	3.0	3.2
2000 4/.....	2.4	*	*	*	*	*	*	*	1.4	2.1	3.1	3.7
1999 4/.....	2.3	*	*	*	*	*	*	*	1.0	2.1	3.0	3.0
BLACK, FEMALE												
2001	4.0	*	*	*	*	*	*	*	2.1	3.5	5.6	6.1
2000 4/.....	4.5	*	*	*	*	*	*	*	2.7	4.0	5.9	7.0
1999 4/.....	4.4	*	*	*	*	*	*	*	1.9	3.9	5.7	5.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL AGES	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, FEMALE

BLACK, BOTH SEXES

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, FEMALE

BLACK, BOTH SEXES

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEWHITE, BOTH SEXES

WHITE, MALE

BLACK, BOTH SEXES

BLACK, MALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of kidney and renal pelvis (C64-C65)												
ALL RACES 3/, BOTH SEXES												
2001	4.2	*	0.1	0.1	*	*	*	*	0.2	0.3	1.2	2.4
2000 4/.....	4.2	*	*	0.1	*	*	*	*	0.1	0.4	1.1	2.2
1999 4/.....	4.0	*	*	0.1	*	*	*	0.1	0.1	0.5	1.1	2.2
ALL RACES 3/, MALE												
2001	5.4	*	*	*	*	*	*	*	*	0.5	1.6	3.5
2000 4/.....	5.3	*	*	*	*	*	*	*	*	0.5	1.6	3.1
1999 4/.....	5.0	*	*	*	*	*	*	*	0.2	0.6	1.5	3.2
ALL RACES 3/, FEMALE												
2001	3.1	*	*	0.2	*	*	*	*	*	*	0.9	1.4
2000 4/.....	3.1	*	*	*	*	*	*	*	*	0.3	0.7	1.4
1999 4/.....	3.0	*	*	*	*	*	*	*	*	0.3	0.6	1.2
WHITE, BOTH SEXES												
2001	4.6	*	*	0.1	*	*	*	*	0.1	0.3	1.2	2.5
2000 4/.....	4.6	*	*	*	*	*	*	*	0.1	0.3	1.1	2.3
1999 4/.....	4.3	*	*	*	*	*	*	*	*	0.4	1.1	2.1
WHITE, MALE												
2001	5.8	*	*	*	*	*	*	*	*	0.5	1.6	3.6
2000 4/.....	5.7	*	*	*	*	*	*	*	*	0.5	1.6	3.2
1999 4/.....	5.4	*	*	*	*	*	*	*	*	0.5	1.5	3.1
WHITE, FEMALE												
2001	3.4	*	*	*	*	*	*	*	*	*	0.8	1.3
2000 4/.....	3.4	*	*	*	*	*	*	*	*	*	0.7	1.4
1999 4/.....	3.2	*	*	*	*	*	*	*	*	0.3	0.6	1.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible]

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)												
ALL RACES 3/, BOTH SEXES												
2001	4.4	*	0.7	0.8	0.6	0.5	0.6	0.7	1.4	1.8	2.8	4.0
2000 4/.....	4.5	0.5	0.7	0.8	0.7	0.5	0.6	0.8	1.2	2.0	2.9	4.1
1999 4/.....	4.6	*	0.7	0.9	0.6	0.6	0.6	0.9	1.3	1.9	2.8	4.3
ALL RACES 3/, MALE												
2001	5.0	*	0.7	0.8	0.6	0.6	0.7	0.9	1.7	2.2	3.5	4.9
2000 4/.....	5.1	*	0.7	0.8	0.8	0.6	0.7	1.0	1.6	2.6	3.7	4.9
1999 4/.....	5.1	*	0.7	0.9	0.6	0.7	0.7	1.1	1.7	2.3	3.4	5.2
ALL RACES 3/, FEMALE												
2001	3.9	*	0.6	0.9	0.6	0.4	0.6	0.5	1.1	1.4	2.1	3.1
2000 4/.....	3.9	*	0.6	0.8	0.6	0.4	0.5	0.7	0.8	1.4	2.0	3.3
1999 4/.....	4.1	*	0.8	0.9	0.7	0.5	0.5	0.8	0.9	1.5	2.3	3.4
WHITE, BOTH SEXES												
2001	5.0	*	0.7	0.9	0.6	0.6	0.6	0.8	1.5	2.1	3.0	4.4
2000 4/.....	5.1	*	0.7	0.8	0.7	0.5	0.7	0.9	1.3	2.2	3.1	4.5
1999 4/.....	5.2	*	0.8	0.9	0.6	0.5	0.6	1.1	1.4	2.2	3.0	4.7
WHITE, MALE												
2001	5.7	*	0.8	0.8	0.6	0.7	0.7	1.1	1.9	2.6	3.8	5.4
2000 4/.....	5.7	*	0.7	0.9	0.8	0.6	0.7	1.0	1.7	2.8	4.0	5.4
1999 4/.....	5.8	*	0.8	0.9	0.6	0.6	0.7	1.2	1.8	2.6	3.6	5.7
WHITE, FEMALE												
2001	4.4	*	0.7	1.0	0.7	0.4	0.6	0.5	1.2	1.6	2.3	3.4
2000 4/.....	4.4	*	0.6	0.8	0.7	0.4	0.6	0.8	0.9	1.5	2.1	3.5
1999 4/.....	4.6	*	0.8	0.8	0.7	0.5	0.5	0.9	1.0	1.7	2.5	3.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)												
ALL RACES 3/, BOTH SEXES												
2001	19.8	0.7	1.0	0.8	1.0	1.5	2.0	2.3	2.7	3.5	4.8	8.1
2000 4/.....	20.1	1.0	0.9	0.8	1.0	1.6	2.1	2.1	2.5	3.4	4.8	8.3
1999 4/.....	20.2	0.8	0.9	0.7	1.0	1.5	2.2	2.2	2.6	3.7	4.8	8.4
ALL RACES 3/, MALE												
2001	21.5	*	1.0	0.9	1.1	1.8	2.3	2.6	3.1	4.2	5.9	9.8
2000 4/.....	21.6	1.1	1.0	0.9	1.2	1.9	2.6	2.3	3.0	3.9	5.7	10.3
1999 4/.....	21.7	*	1.0	0.8	1.2	1.7	2.7	2.4	3.1	4.4	5.9	10.2
ALL RACES 3/, FEMALE												
2001	18.1	*	1.0	0.7	0.8	1.2	1.7	2.0	2.2	2.7	3.7	6.4
2000 4/.....	18.6	*	0.9	0.7	0.8	1.2	1.5	1.9	1.9	3.0	3.9	6.5
1999 4/.....	18.7	*	0.8	0.6	0.9	1.3	1.8	1.9	2.2	3.0	3.8	6.6
WHITE, BOTH SEXES												
2001	21.5	0.7	1.1	0.8	1.0	1.6	2.0	2.1	2.6	3.4	4.6	7.9
2000 4/.....	21.9	1.2	1.0	0.9	1.1	1.6	2.0	2.1	2.4	3.3	4.7	8.0
1999 4/.....	21.9	0.8	1.0	0.7	1.0	1.5	2.3	2.1	2.5	3.6	4.7	8.3
WHITE, MALE												
2001	23.3	*	1.1	0.9	1.0	1.9	2.3	2.4	3.2	4.0	5.7	9.7
2000 4/.....	23.6	*	1.0	0.9	1.2	1.9	2.5	2.3	2.9	3.8	5.8	9.9
1999 4/.....	23.6	*	1.0	0.9	1.1	1.7	2.8	2.3	2.9	4.3	5.6	10.0
WHITE, FEMALE												
2001	19.7	*	1.1	0.7	0.9	1.2	1.6	1.9	2.0	2.8	3.5	6.1
2000 4/.....	20.3	*	1.0	0.8	0.9	1.2	1.4	1.8	1.9	2.9	3.6	6.1
1999 4/.....	20.4	*	0.9	0.6	0.9	1.3	1.7	1.9	2.1	2.9	3.8	6.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)

BLACK, BOTH SEXES

2001	14.1	*	*	0.9	1.0	1.5	2.1	3.2	3.5	4.5	6.6	10.4
2000 4/.....	13.9	*	0.8	0.6	0.7	1.9	2.6	2.8	3.1	4.4	6.3	12.5
1999 4/.....	14.1	*	*	0.6	1.3	1.7	2.9	2.6	3.2	4.6	6.5	10.4

BLACK, MALE

2001	15.1	*	*	*	1.7	1.8	2.2	3.8	4.0	6.5	8.2	11.9
2000 4/.....	14.7	*	*	*	*	2.3	3.2	2.6	4.4	4.8	6.6	14.9
1999 4/.....	15.1	*	*	*	1.7	2.1	3.1	3.3	4.2	5.3	8.4	13.3

BLACK, FEMALE

2001	13.1	*	*	*	*	*	2.1	2.7	3.1	2.8	5.3	9.2
2000 4/.....	13.1	*	*	*	*	1.4	2.1	3.0	1.9	4.1	6.0	10.4
1999 4/.....	13.2	*	*	*	*	1.4	2.8	2.0	2.3	3.9	4.8	8.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Hodgkin's disease (C81)												
ALL RACES 3/, BOTH SEXES												
2001	0.5	*	*	*	*	0.1	0.3	0.4	0.4	0.4	0.4	0.4
2000 4/.....	0.5	*	*	*	*	0.1	0.3	0.3	0.4	0.3	0.3	0.4
1999 4/.....	0.5	*	*	*	*	0.2	0.3	0.4	0.3	0.4	0.3	0.4
ALL RACES 3/, MALE												
2001	0.5	*	*	*	*	*	0.3	0.4	0.5	0.5	0.5	0.5
2000 4/.....	0.5	*	*	*	*	*	0.3	0.3	0.5	0.4	0.4	0.5
1999 4/.....	0.6	*	*	*	*	0.2	0.4	0.4	0.4	0.5	0.4	0.5
ALL RACES 3/, FEMALE												
2001	0.4	*	*	*	*	*	0.3	0.4	0.4	0.3	0.3	0.4
2000 4/.....	0.4	*	*	*	*	*	0.2	0.3	0.4	0.3	0.3	0.3
1999 4/.....	0.4	*	*	*	*	*	0.3	0.4	0.3	0.3	0.3	0.3
WHITE, BOTH SEXES												
2001	0.5	*	*	*	*	0.1	0.3	0.4	0.4	0.4	0.4	0.4
2000 4/.....	0.5	*	*	*	*	*	0.3	0.4	0.5	0.4	0.3	0.4
1999 4/.....	0.6	*	*	*	*	0.2	0.3	0.4	0.4	0.4	0.4	0.4
WHITE, MALE												
2001	0.6	*	*	*	*	*	0.3	0.4	0.5	0.5	0.5	0.5
2000 4/.....	0.5	*	*	*	*	*	0.3	0.4	0.5	0.4	0.4	0.5
1999 4/.....	0.6	*	*	*	*	*	0.4	0.4	0.5	0.5	0.5	0.5
WHITE, FEMALE												
2001	0.4	*	*	*	*	*	*	0.4	0.3	0.3	0.3	0.4
2000 4/.....	0.5	*	*	*	*	*	*	0.3	0.4	0.3	0.3	0.3
1999 4/.....	0.5	*	*	*	*	*	0.3	0.4	0.3	0.3	0.3	0.4

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Non-Hodgkin's lymphoma (C82-C85)												
ALL RACES 3/, BOTH SEXES												
2001	7.8	*	*	*	0.1	0.3	0.4	0.7	0.8	1.4	2.0	3.4
2000 4/.....	8.1	*	*	0.1	0.1	0.3	0.6	0.6	0.8	1.3	2.1	3.6
1999 4/.....	8.2	*	*	*	0.1	0.3	0.5	0.6	0.9	1.4	2.1	3.5
ALL RACES 3/, MALE												
2001	8.4	*	*	*	0.2	0.4	0.5	0.8	1.0	1.8	2.7	4.4
2000 4/.....	8.6	*	*	*	*	0.4	0.8	0.7	1.0	1.7	2.6	4.7
1999 4/.....	8.6	*	*	*	0.2	0.3	0.6	0.7	1.1	1.8	2.8	4.7
ALL RACES 3/, FEMALE												
2001	7.3	*	*	*	*	*	0.4	0.6	0.6	1.0	1.3	2.5
2000 4/.....	7.6	*	*	*	*	*	0.4	0.6	0.6	0.9	1.5	2.6
1999 4/.....	7.7	*	*	*	*	0.2	0.4	0.4	0.7	1.0	1.4	2.4
WHITE, BOTH SEXES												
2001	8.8	*	*	*	0.1	0.3	0.4	0.6	0.8	1.3	2.0	3.4
2000 4/.....	9.1	*	*	*	0.1	0.3	0.6	0.6	0.8	1.2	2.1	3.6
1999 4/.....	9.2	*	*	*	*	0.2	0.5	0.5	0.8	1.4	2.0	3.6
WHITE, MALE												
2001	9.3	*	*	*	*	0.4	0.5	0.7	1.0	1.6	2.6	4.4
2000 4/.....	9.6	*	*	*	*	0.5	0.8	0.6	1.0	1.6	2.7	4.7
1999 4/.....	9.6	*	*	*	*	0.3	0.6	0.6	1.0	1.7	2.7	4.7
WHITE, FEMALE												
2001	8.2	*	*	*	*	*	0.4	0.5	0.5	1.0	1.3	2.4
2000 4/.....	8.6	*	*	*	*	*	0.4	0.5	0.6	0.8	1.4	2.6
1999 4/.....	8.8	*	*	*	*	*	0.4	0.4	0.6	1.0	1.4	2.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Non-Hodgkin's lymphoma (C82-C85)												
BLACK, BOTH SEXES												
2001	4.0	*	*	*	*	*	*	1.1	1.2	2.0	2.4	4.3
2000 4/.....	3.7	*	*	*	*	*	1.0	1.1	0.9	1.9	2.3	4.5
1999 4/.....	4.0	*	*	*	*	*	*	0.9	1.2	2.1	2.8	4.1
BLACK, MALE												
2001	4.5	*	*	*	*	*	*	*	*	3.0	3.4	5.1
2000 4/.....	4.2	*	*	*	*	*	*	*	*	2.7	2.6	6.1
1999 4/.....	4.6	*	*	*	*	*	*	*	1.7	2.6	3.9	5.6
BLACK, FEMALE												
2001	3.6	*	*	*	*	*	*	*	*	*	1.6	3.6
2000 4/.....	3.3	*	*	*	*	*	*	*	*	*	2.1	3.2
1999 4/.....	3.5	*	*	*	*	*	*	*	*	1.7	1.7	2.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Leukemia (C91-C95)												
ALL RACES 3/, BOTH SEXES												
2001	7.5	0.6	1.0	0.8	0.8	1.1	1.3	1.2	1.4	1.6	1.9	3.0
2000 4/.....	7.6	1.0	0.9	0.7	0.8	1.2	1.2	1.2	1.2	1.6	1.9	3.1
1999 4/.....	7.5	0.7	0.8	0.6	0.9	1.1	1.4	1.2	1.3	1.6	1.9	3.2
ALL RACES 3/, MALE												
2001	8.5	*	1.0	0.8	0.9	1.3	1.5	1.4	1.6	1.8	2.1	3.4
2000 4/.....	8.5	1.1	0.9	0.8	1.0	1.4	1.5	1.3	1.5	1.6	2.1	3.6
1999 4/.....	8.4	*	0.8	0.7	0.9	1.3	1.7	1.3	1.4	1.8	2.1	3.6
ALL RACES 3/, FEMALE												
2001	6.6	*	1.0	0.7	0.7	0.9	1.0	1.0	1.2	1.3	1.7	2.7
2000 4/.....	6.7	*	0.9	0.6	0.6	0.9	0.9	1.0	0.9	1.6	1.7	2.6
1999 4/.....	6.7	*	0.7	0.5	0.8	0.9	1.1	1.1	1.2	1.5	1.7	2.8
WHITE, BOTH SEXES												
2001	8.3	0.6	1.1	0.7	0.8	1.2	1.3	1.1	1.4	1.5	1.9	3.1
2000 4/.....	8.3	1.2	1.0	0.7	0.9	1.2	1.2	1.1	1.1	1.6	1.9	3.0
1999 4/.....	8.3	0.8	0.9	0.7	0.8	1.1	1.4	1.2	1.3	1.6	1.9	3.2
WHITE, MALE												
2001	9.3	*	1.1	0.8	0.8	1.4	1.6	1.3	1.6	1.7	2.0	3.5
2000 4/.....	9.4	*	0.9	0.8	1.1	1.4	1.5	1.3	1.4	1.7	2.2	3.5
1999 4/.....	9.2	*	0.9	0.8	0.9	1.2	1.8	1.3	1.4	1.8	2.1	3.5
WHITE, FEMALE												
2001	7.3	*	1.1	0.7	0.8	0.9	1.0	0.9	1.2	1.4	1.7	2.7
2000 4/.....	7.4	*	1.0	0.7	0.7	0.9	0.9	0.9	0.9	1.6	1.6	2.5
1999 4/.....	7.3	*	0.8	0.6	0.8	1.0	1.0	1.1	1.2	1.5	1.8	2.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Leukemia (C91-C95)												
BLACK, BOTH SEXES												
2001	4.7	*	*	0.8	0.9	0.9	1.2	1.4	1.4	1.8	2.3	3.0
2000 4/.....	4.8	*	*	*	0.6	1.5	1.3	1.4	1.8	1.7	2.4	4.5
1999 4/.....	4.7	*	*	*	1.1	1.2	1.7	1.1	1.4	1.8	2.0	3.5
BLACK, MALE												
2001	5.2	*	*	*	1.5	*	*	1.7	1.8	2.3	2.7	2.8
2000 4/.....	5.3	*	*	*	*	2.0	1.8	*	2.5	1.4	2.5	4.9
1999 4/.....	5.2	*	*	*	1.5	1.5	1.7	*	1.7	1.8	2.2	4.4
BLACK, FEMALE												
2001	4.3	*	*	*	*	*	*	*	*	1.4	2.0	3.3
2000 4/.....	4.2	*	*	*	*	*	*	1.5	*	1.9	2.3	4.2
1999 4/.....	4.3	*	*	*	*	*	1.8	*	*	1.8	1.7	2.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	UNDER 1 AGES 1/ YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)

ALL RACES 3/, BOTH SEXES

2001	22.0	*	0.8	0.6	0.8	1.2	1.4	1.7	2.0	3.2	5.9	10.5
2000 4/.....	22.4	0.6	0.8	0.6	0.7	1.2	1.4	1.5	2.0	3.4	5.9	10.5
1999 4/.....	23.7	*	0.8	0.7	0.7	1.2	1.5	1.6	2.2	3.6	6.7	11.4

ALL RACES 3/, MALE

2001	22.6	*	0.9	0.6	0.8	1.5	1.9	2.0	2.4	3.5	6.4	12.0
2000 4/.....	23.0	*	1.0	0.6	0.7	1.4	1.8	1.9	2.4	3.7	6.4	12.0
1999 4/.....	24.5	*	0.8	0.8	0.8	1.5	1.8	2.1	2.8	4.1	7.6	13.2

ALL RACES 3/, FEMALE

2001	21.4	*	0.6	0.5	0.7	0.9	0.8	1.4	1.6	3.0	5.3	9.1
2000 4/.....	21.9	*	0.7	0.6	0.6	1.0	1.0	1.1	1.6	3.0	5.3	9.1
1999 4/.....	23.1	*	0.7	0.7	0.6	0.9	1.1	1.1	1.6	3.2	5.8	9.7

WHITE, BOTH SEXES

2001	23.5	*	0.8	0.6	0.8	1.2	1.5	1.7	1.9	3.1	5.6	9.9
2000 4/.....	23.9	*	0.8	0.7	0.7	1.2	1.5	1.6	2.0	3.2	5.4	9.9
1999 4/.....	25.3	*	0.8	0.7	0.7	1.2	1.4	1.6	2.2	3.5	6.3	10.8

WHITE, MALE

2001	24.0	*	1.0	0.6	0.8	1.5	2.0	2.0	2.3	3.4	6.2	11.3
2000 4/.....	24.4	*	1.0	0.7	0.7	1.3	1.9	2.1	2.5	3.6	5.8	11.2
1999 4/.....	25.9	*	0.9	0.8	0.8	1.5	1.7	2.2	2.7	4.0	7.2	12.2

WHITE, FEMALE

2001	22.9	*	0.7	0.5	0.7	1.0	0.8	1.4	1.5	2.8	5.1	8.5
2000 4/.....	23.5	*	0.6	0.6	0.6	1.0	1.1	1.1	1.5	2.8	5.0	8.6
1999 4/.....	24.6	*	0.7	0.7	0.6	1.0	1.1	1.0	1.7	3.0	5.3	9.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)

BLACK, BOTH SEXES

2001	18.3	*	*	*	0.8	1.2	1.3	2.0	2.6	4.3	7.7	16.7
2000 4/.....	18.3	*	1.0	*	0.7	1.5	1.3	1.3	2.0	5.2	10.0	16.8
1999 4/.....	19.5	*	*	0.6	0.9	1.3	1.6	1.5	2.4	4.9	10.1	18.3

BLACK, MALE

2001	19.4	*	*	*	*	1.5	1.9	2.5	3.0	4.4	8.2	19.0
2000 4/.....	19.4	*	*	*	*	1.7	2.1	1.6	2.0	5.4	11.8	20.8
1999 4/.....	20.6	*	*	*	*	1.9	2.0	1.5	3.1	5.1	11.7	23.2

BLACK, FEMALE

2001	17.3	*	*	*	*	*	*	1.5	2.3	4.2	7.3	14.8
2000 4/.....	17.3	*	*	*	*	1.4	*	*	1.9	5.1	8.3	13.4
1999 4/.....	18.5	*	*	*	*	*	*	1.5	1.8	4.8	8.8	14.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)

ALL RACES 3/, BOTH SEXES

2001	4.8	1.3	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.7	0.9	1.5
2000 4/.....	4.8	1.6	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.7	0.9	1.5
1999 4/.....	4.7	1.5	0.4	0.3	0.2	0.3	0.2	0.3	0.6	0.6	0.9	1.4

ALL RACES 3/, MALE

2001	4.8	1.3	0.4	0.3	0.2	0.2	0.3	0.3	0.4	0.7	1.0	1.7
2000 4/.....	4.8	1.6	0.4	0.3	*	0.3	0.4	0.3	0.5	0.8	0.9	1.6
1999 4/.....	4.8	1.5	0.4	0.3	*	0.3	0.3	0.3	0.6	0.7	1.1	1.5

ALL RACES 3/, FEMALE

2001	4.8	1.3	0.4	0.3	0.3	0.3	0.2	0.3	0.5	0.7	0.8	1.2
2000 4/.....	4.9	1.5	0.3	0.3	0.2	*	0.2	0.4	0.4	0.6	1.0	1.3
1999 4/.....	4.7	1.5	0.4	0.3	*	0.3	*	0.2	0.5	0.5	0.8	1.3

WHITE, BOTH SEXES

2001	5.3	1.2	0.4	0.2	0.2	0.2	0.3	0.4	0.4	0.7	0.9	1.5
2000 4/.....	5.3	1.6	0.4	0.3	0.2	0.2	0.3	0.3	0.5	0.7	0.9	1.3
1999 4/.....	5.2	1.4	0.4	0.3	0.2	0.2	0.2	0.3	0.5	0.6	0.9	1.3

WHITE, MALE

2001	5.3	1.2	0.4	*	*	*	0.3	0.4	0.4	0.7	1.0	1.7
2000 4/.....	5.2	1.6	0.4	0.3	*	*	0.4	0.3	0.5	0.7	0.9	1.5
1999 4/.....	5.2	1.4	0.4	0.3	*	*	0.3	0.3	0.5	0.7	1.1	1.4

WHITE, FEMALE

2001	5.2	*	0.4	*	0.3	0.3	*	0.3	0.5	0.7	0.8	1.2
2000 4/.....	5.4	1.6	*	0.3	*	*	*	0.3	0.4	0.6	1.0	1.2
1999 4/.....	5.1	1.4	0.4	0.4	*	0.3	*	*	0.5	0.5	0.7	1.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)

BLACK, BOTH SEXES

2001	3.1	*	*	*	*	*	*	*	*	0.9	1.2	1.4
2000 4/.....	3.1	*	*	*	*	*	*	*	*	0.8	1.4	2.4
1999 4/.....	3.2	*	*	*	*	*	*	*	0.8	1.0	1.3	2.2

BLACK, MALE

2001	3.0	*	*	*	*	*	*	*	*	*	*	*
2000 4/.....	3.0	*	*	*	*	*	*	*	*	*	*	2.2
1999 4/.....	3.0	*	*	*	*	*	*	*	*	*	*	*

BLACK, FEMALE

2001	3.2	*	*	*	*	*	*	*	*	*	*	*
2000 4/.....	3.2	*	*	*	*	*	*	*	*	*	1.3	2.5
1999 4/.....	3.4	*	*	*	*	*	*	*	*	*	1.4	2.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Anemias (D50-D64)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Anemias (D50-D64)												
BLACK, BOTH SEXES												
2001	2.7	*	*	*	*	0.9	1.5	1.9	2.5	2.1	3.2	3.2
2000 4/.....	2.6	*	*	*	*	*	1.6	1.7	2.8	2.2	2.7	2.9
1999 4/.....	2.8	*	0.8	*	*	0.7	2.2	2.1	3.0	2.2	2.8	3.2
BLACK, MALE												
2001	2.5	*	*	*	*	*	1.6	2.5	3.3	2.2	2.7	3.9
2000 4/.....	2.3	*	*	*	*	*	1.7	1.6	2.7	1.9	2.2	3.2
1999 4/.....	2.7	*	*	*	*	*	2.8	2.3	3.3	2.5	2.9	3.3
BLACK, FEMALE												
2001	2.8	*	*	*	*	*	1.5	*	1.8	2.1	3.7	2.6
2000 4/.....	3.0	*	*	*	*	*	1.6	1.9	2.9	2.5	3.2	2.7
1999 4/.....	3.0	*	*	*	*	*	1.7	1.8	2.8	2.0	2.6	3.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Diabetes mellitus (E10-E14)												
ALL RACES 3/, BOTH SEXES												
2001	25.1	*	*	*	0.2	0.2	0.5	1.1	1.8	3.3	5.4	9.9
2000 4/.....	24.6	*	*	*	*	0.2	0.6	1.1	2.0	3.0	5.5	9.5
1999 4/.....	24.5	*	*	*	0.1	0.3	0.6	1.0	1.9	3.2	5.5	9.9
ALL RACES 3/, MALE												
2001	23.5	*	*	*	0.2	0.3	0.6	1.2	2.2	3.9	6.6	12.1
2000 4/.....	22.9	*	*	*	*	0.3	0.7	1.2	2.5	3.5	6.8	11.4
1999 4/.....	22.8	*	*	*	*	0.2	0.6	1.0	2.2	3.8	6.4	12.3
ALL RACES 3/, FEMALE												
2001	26.6	*	*	*	*	0.2	0.5	1.1	1.5	2.7	4.2	7.9
2000 4/.....	26.3	*	*	*	*	*	0.5	0.9	1.6	2.5	4.3	7.8
1999 4/.....	26.2	*	*	*	*	0.3	0.5	1.0	1.6	2.6	4.6	7.5
WHITE, BOTH SEXES												
2001	24.6	*	*	*	*	0.2	0.4	0.8	1.6	2.8	4.8	8.6
2000 4/.....	24.1	*	*	*	*	0.2	0.5	0.8	1.8	2.7	5.0	8.0
1999 4/.....	23.9	*	*	*	*	0.2	0.5	0.9	1.6	2.8	4.7	8.3
WHITE, MALE												
2001	23.5	*	*	*	*	*	0.4	0.8	1.8	3.3	6.1	10.5
2000 4/.....	22.9	*	*	*	*	0.3	0.5	1.0	2.3	3.1	6.3	9.7
1999 4/.....	22.7	*	*	*	*	0.3	0.5	0.9	1.8	3.4	5.6	10.6
WHITE, FEMALE												
2001	25.7	*	*	*	*	*	0.3	0.8	1.4	2.3	3.4	6.7
2000 4/.....	25.3	*	*	*	*	*	0.4	0.7	1.2	2.3	3.7	6.4
1999 4/.....	25.0	*	*	*	*	*	0.4	0.9	1.4	2.1	3.9	6.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Diabetes mellitus (E10-E14)												
BLACK, BOTH SEXES												
2001	33.1	*	*	*	*	*	1.4	3.2	4.2	6.9	10.7	21.0
2000 4/.....	32.8	*	*	*	*	*	1.5	2.8	4.1	6.0	10.1	21.9
1999 4/.....	33.0	*	*	*	*	*	1.1	1.8	4.1	6.6	11.3	22.5
BLACK, MALE												
2001	28.5	*	*	*	*	*	1.5	3.9	5.6	8.7	11.7	25.5
2000 4/.....	27.4	*	*	*	*	*	1.5	3.1	4.5	7.1	11.8	25.5
1999 4/.....	27.7	*	*	*	*	*	*	1.6	5.0	7.7	13.2	27.5
BLACK, FEMALE												
2001	37.2	*	*	*	*	*	1.3	2.7	2.9	5.3	9.8	17.0
2000 4/.....	37.8	*	*	*	*	*	1.5	2.5	3.8	5.0	8.7	18.7
1999 4/.....	37.8	*	*	*	*	*	*	2.0	3.3	5.6	9.7	18.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

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[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Meningitis (G00,G03)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Meningitis (G00,G03)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Parkinson's disease (G20-G21)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Major cardiovascular diseases (I00-I78)												
ALL RACES 3/, BOTH SEXES												
2001	323.9	14.9	1.9	0.7	1.1	2.2	4.3	7.1	13.0	25.0	48.8	85.6
2000 4/.....	332.9	16.7	1.5	0.7	1.1	2.4	4.3	6.7	12.2	24.2	49.6	88.5
1999 4/.....	340.6	17.0	1.5	0.7	1.0	2.7	4.1	6.5	12.6	25.9	50.0	88.3
ALL RACES 3/, MALE												
2001	306.2	15.3	1.9	0.6	1.1	2.7	5.3	8.8	16.5	33.1	66.5	121.4
2000 4/.....	315.8	17.5	1.6	0.7	1.2	2.8	5.0	8.2	15.3	31.3	68.0	126.8
1999 4/.....	323.0	17.9	1.6	0.8	1.1	3.3	4.8	7.8	16.2	34.2	68.9	125.7
ALL RACES 3/, FEMALE												
2001	340.9	14.5	1.8	0.8	1.1	1.7	3.2	5.5	9.5	17.0	31.5	50.7
2000 4/.....	349.5	15.9	1.4	0.6	1.0	2.0	3.5	5.2	9.0	17.1	31.5	51.4
1999 4/.....	357.5	16.0	1.4	0.6	1.0	2.1	3.4	5.2	9.1	17.6	31.4	52.1
WHITE, BOTH SEXES												
2001	344.8	12.2	1.5	0.6	1.0	1.9	3.4	5.9	10.9	21.4	41.6	74.2
2000 4/.....	354.7	14.6	1.3	0.6	0.9	2.1	3.5	5.5	10.1	20.6	42.6	76.5
1999 4/.....	362.7	14.6	1.3	0.7	0.9	2.4	3.4	5.4	10.6	22.0	42.4	76.6
WHITE, MALE												
2001	323.5	13.2	1.6	0.6	1.0	2.3	4.3	7.3	14.0	28.8	59.1	109.0
2000 4/.....	334.2	15.3	1.6	0.7	1.1	2.4	4.2	6.9	13.2	27.6	60.7	114.5
1999 4/.....	341.2	15.3	1.5	0.8	0.9	2.9	3.9	6.5	14.0	29.8	60.8	113.0
WHITE, FEMALE												
2001	365.5	11.1	1.5	0.7	0.9	1.5	2.5	4.3	7.6	13.9	24.0	39.8
2000 4/.....	374.8	13.9	1.1	0.5	0.7	1.7	2.8	4.1	6.9	13.5	24.4	39.0
1999 4/.....	383.6	13.8	1.2	0.6	0.9	1.9	2.9	4.2	7.2	14.1	24.0	40.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON

THE TENTH REVISION, INTERNATIONAL CLASSIFICATION

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Major cardiovascular diseases (I00-I78)

BLACK, BOTH SEXES

2001	280.4	28.6	3.5	1.0	1.6	4.0	9.4	16.4	28.5	51.5	105.7	181.9
2000 4/.....	285.0	27.8	2.5	1.0	1.9	4.6	9.1	15.1	27.7	51.2	104.9	192.0
1999 4/.....	289.4	29.2	2.4	1.0	1.8	4.8	9.0	14.4	26.8	55.2	109.8	188.5

BLACK, MALE

2001	272.4	28.1	3.6	*	1.5	5.1	11.3	20.3	35.2	65.6	129.8	237.2
2000 4/.....	275.6	29.1	2.1	*	1.8	5.1	10.2	18.0	32.7	61.6	131.7	247.2
1999 4/.....	282.5	30.6	2.5	*	2.1	6.3	10.9	17.7	33.0	69.6	138.3	246.5

BLACK, FEMALE

2001	287.8	29.0	3.4	1.3	1.6	2.8	7.5	12.9	22.4	38.9	84.3	134.0
2000 4/.....	293.4	26.5	2.9	*	2.0	4.2	8.1	12.4	23.3	42.0	81.2	144.0
1999 4/.....	295.7	27.9	2.4	*	1.5	3.3	7.1	11.5	21.3	42.5	84.7	138.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Diseases of heart (I00-I09,I11,I13,I20-I51)												
ALL RACES 3/, BOTH SEXES												
2001	245.8	11.9	1.5	0.5	0.8	1.7	3.3	5.6	10.2	19.9	39.1	69.3
2000 4/.....	252.6	13.0	1.2	0.5	0.8	2.0	3.3	5.2	9.5	19.1	39.4	71.2
1999 4/.....	259.9	13.8	1.2	0.6	0.8	2.3	3.3	5.1	10.1	20.6	40.1	71.7
ALL RACES 3/, MALE												
2001	242.5	11.8	1.5	0.4	0.9	2.1	4.2	7.0	13.4	27.4	55.8	102.6
2000 4/.....	249.8	13.3	1.4	0.6	0.9	2.4	4.0	6.5	12.4	26.0	57.0	107.1
1999 4/.....	257.0	13.9	1.3	0.6	0.9	2.9	3.9	6.3	13.2	28.5	58.1	107.0
ALL RACES 3/, FEMALE												
2001	249.0	12.0	1.4	0.6	0.8	1.3	2.4	4.1	6.9	12.4	22.6	37.0
2000 4/.....	255.3	12.5	1.0	0.4	0.7	1.6	2.6	3.9	6.5	12.2	22.2	36.4
1999 4/.....	262.6	13.7	1.1	0.5	0.7	1.7	2.6	3.9	6.9	12.6	22.4	37.5
WHITE, BOTH SEXES												
2001	262.8	9.9	1.2	0.4	0.7	1.5	2.6	4.5	8.5	17.3	34.2	61.8
2000 4/.....	270.2	11.5	1.1	0.4	0.7	1.7	2.6	4.2	7.9	16.7	34.9	63.7
1999 4/.....	277.7	11.8	1.0	0.5	0.7	2.0	2.6	4.1	8.5	17.8	34.9	64.1
WHITE, MALE												
2001	257.8	10.6	1.2	0.4	0.8	1.8	3.4	5.9	11.3	24.4	50.9	94.4
2000 4/.....	265.8	11.9	1.3	0.5	0.8	2.0	3.3	5.3	10.7	23.5	52.3	99.4
1999 4/.....	272.9	12.0	1.2	0.6	0.7	2.4	3.0	5.2	11.4	25.2	52.4	98.8
WHITE, FEMALE												
2001	267.7	9.2	1.1	0.5	0.7	1.1	1.8	3.1	5.6	10.0	17.5	29.4
2000 4/.....	274.5	11.1	0.8	0.4	0.5	1.3	1.9	2.9	5.0	9.8	17.5	28.3
1999 4/.....	282.4	11.6	0.9	0.5	0.6	1.6	2.1	3.0	5.4	10.2	17.4	29.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Diseases of heart (I00-I09,I11,I13,I20-I51)												
BLACK, BOTH SEXES												
2001	208.8	21.6	3.0	0.8	1.3	3.3	7.5	12.9	22.6	39.8	79.5	137.2
2000 4/.....	211.8	19.8	2.0	0.9	1.4	4.0	7.4	12.8	21.5	38.2	77.5	142.2
1999 4/.....	217.2	23.8	2.0	0.9	1.4	4.2	7.7	11.7	21.5	42.7	82.9	143.0
BLACK, MALE												
2001	209.0	19.5	3.2	*	1.4	4.4	9.7	16.0	29.3	52.1	101.9	184.4
2000 4/.....	211.1	19.8	1.9	*	1.4	4.8	8.7	15.7	26.5	48.6	101.3	190.8
1999 4/.....	218.5	23.4	2.1	*	1.6	5.8	9.3	14.8	27.1	56.3	109.3	193.3
BLACK, FEMALE												
2001	208.6	23.9	2.7	*	1.2	2.3	5.5	10.1	16.7	28.9	59.7	96.3
2000 4/.....	212.6	19.8	2.0	*	1.3	3.3	6.3	10.2	16.9	29.0	56.5	100.1
1999 4/.....	216.0	24.2	1.9	*	*	2.5	6.1	9.0	16.5	30.6	59.6	99.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Hypertensive heart disease (I11)												
ALL RACES 3/, BOTH SEXES												
2001	8.7	*	*	*	*	*	*	0.3	0.9	1.6	3.2	5.1
2000 4/.....	8.4	*	*	*	*	*	0.1	0.4	0.7	1.4	2.9	4.7
1999 4/.....	8.1	*	*	*	*	*	0.1	0.3	0.8	1.5	2.8	4.5
ALL RACES 3/, MALE												
2001	7.5	*	*	*	*	*	*	0.4	1.2	2.1	4.5	7.0
2000 4/.....	7.2	*	*	*	*	*	0.2	0.4	0.9	1.9	3.9	6.3
1999 4/.....	6.8	*	*	*	*	*	*	0.4	1.0	2.0	3.9	6.1
ALL RACES 3/, FEMALE												
2001	9.8	*	*	*	*	*	*	0.3	0.5	1.1	2.0	3.2
2000 4/.....	9.7	*	*	*	*	*	*	0.3	0.5	1.0	2.0	3.2
1999 4/.....	9.4	*	*	*	*	*	*	*	0.5	1.0	1.7	3.0
WHITE, BOTH SEXES												
2001	7.8	*	*	*	*	*	*	0.2	0.5	1.1	2.1	3.3
2000 4/.....	7.6	*	*	*	*	*	*	0.2	0.4	0.9	2.0	3.1
1999 4/.....	7.3	*	*	*	*	*	*	0.2	0.5	0.9	1.8	2.9
WHITE, MALE												
2001	6.4	*	*	*	*	*	*	0.3	0.9	1.6	3.1	4.8
2000 4/.....	6.1	*	*	*	*	*	*	0.3	0.6	1.4	2.8	4.6
1999 4/.....	5.8	*	*	*	*	*	*	0.3	0.8	1.3	2.7	4.2
WHITE, FEMALE												
2001	9.2	*	*	*	*	*	*	*	*	0.5	1.0	1.8
2000 4/.....	9.0	*	*	*	*	*	*	*	*	0.5	1.2	1.6
1999 4/.....	8.7	*	*	*	*	*	*	*	*	0.5	0.8	1.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Hypertensive heart disease (I11)												
BLACK, BOTH SEXES												
2001	16.0	*	*	*	*	*	*	1.1	3.1	5.1	11.5	18.6
2000 4/.....	16.1	*	*	*	*	*	*	1.4	2.8	4.9	9.9	17.8
1999 4/.....	15.5	*	*	*	*	*	*	1.0	2.6	5.7	10.2	17.9
BLACK, MALE												
2001	15.9	*	*	*	*	*	*	*	4.0	5.9	14.8	25.1
2000 4/.....	15.6	*	*	*	*	*	*	1.6	3.5	5.8	12.7	21.4
1999 4/.....	15.2	*	*	*	*	*	*	*	2.8	7.3	13.1	22.5
BLACK, FEMALE												
2001	16.2	*	*	*	*	*	*	*	2.3	4.4	8.6	13.0
2000 4/.....	16.5	*	*	*	*	*	*	*	2.1	4.1	7.5	14.6
1999 4/.....	15.9	*	*	*	*	*	*	*	2.5	4.3	7.6	13.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

[illegible][illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Ischemic heart diseases (I20-I25)												
ALL RACES 3/, BOTH SEXES												
2001	176.3	0.6	*	*	*	0.2	0.7	1.5	4.0	9.9	23.4	45.6
2000 4/.....	183.1	0.8	*	*	*	0.2	0.5	1.2	3.4	9.8	23.6	48.0
1999 4/.....	189.8	0.7	*	*	*	0.3	0.5	1.3	3.7	10.4	24.2	48.5
ALL RACES 3/, MALE												
2001	181.7	*	*	*	*	0.2	0.9	2.2	5.9	15.0	35.8	71.6
2000 4/.....	188.7	*	*	*	*	0.2	0.6	1.8	5.1	14.7	37.0	76.9
1999 4/.....	195.4	*	*	*	*	0.3	0.6	1.7	5.5	15.8	37.9	77.0
ALL RACES 3/, FEMALE												
2001	171.2	*	*	*	*	*	0.4	0.7	2.1	4.9	11.1	20.3
2000 4/.....	177.6	*	*	*	*	*	0.3	0.6	1.7	5.0	10.3	20.0
1999 4/.....	184.5	*	*	*	*	*	0.3	0.8	1.9	5.1	10.7	20.8
WHITE, BOTH SEXES												
2001	190.5	*	*	*	*	0.1	0.5	1.3	3.8	9.5	22.1	43.1
2000 4/.....	197.9	0.8	*	*	*	0.2	0.4	1.0	3.1	9.4	22.2	45.3
1999 4/.....	205.1	*	*	*	*	0.2	0.3	1.2	3.5	9.9	22.6	46.0
WHITE, MALE												
2001	195.8	*	*	*	*	*	0.8	2.0	5.5	14.5	34.6	69.5
2000 4/.....	203.6	*	*	*	*	*	0.6	1.6	4.8	14.3	35.9	74.5
1999 4/.....	210.5	*	*	*	*	0.3	0.5	1.6	5.1	15.1	36.2	74.7
WHITE, FEMALE												
2001	185.3	*	*	*	*	*	0.3	0.6	1.9	4.5	9.5	17.0
2000 4/.....	192.4	*	*	*	*	*	0.3	0.5	1.4	4.5	8.5	16.4
1999 4/.....	200.0	*	*	*	*	*	*	0.7	1.7	4.6	8.9	17.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Ischemic heart diseases (I20-I25)												
BLACK, BOTH SEXES												
2001	136.9	*	*	*	*	*	1.5	2.8	6.4	14.9	36.5	72.5
2000 4/.....	140.1	*	*	*	*	*	0.7	2.4	6.0	14.6	37.1	78.2
1999 4/.....	143.7	*	*	*	*	*	1.2	1.9	5.8	16.1	39.7	76.9
BLACK, MALE												
2001	138.9	*	*	*	*	*	1.9	3.9	9.3	21.6	50.8	101.9
2000 4/.....	141.5	*	*	*	*	*	*	3.7	8.0	20.3	51.8	111.6
1999 4/.....	146.0	*	*	*	*	*	*	2.9	8.4	23.3	56.8	110.4
BLACK, FEMALE												
2001	135.2	*	*	*	*	*	*	1.7	3.8	9.0	23.9	47.1
2000 4/.....	138.8	*	*	*	*	*	*	*	4.3	9.7	24.1	49.2
1999 4/.....	141.7	*	*	*	*	*	*	*	3.4	9.7	24.7	48.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Acute myocardial infarction (I21-I22)												
ALL RACES 3/, BOTH SEXES												
2001	64.9	*	*	*	*	*	0.2	0.6	1.8	4.2	9.9	19.7
2000 4/.....	68.5	0.5	*	*	*	*	0.2	0.6	1.3	4.0	9.9	21.1
1999 4/.....	71.5	*	*	*	*	0.1	0.2	0.5	1.6	4.1	10.4	21.5
ALL RACES 3/, MALE												
2001	68.6	*	*	*	*	*	0.3	0.7	2.5	6.2	15.0	30.8
2000 4/.....	72.7	*	*	*	*	*	0.2	0.8	1.9	5.8	15.5	33.6
1999 4/.....	76.1	*	*	*	*	*	0.3	0.7	2.3	6.2	16.0	33.7
ALL RACES 3/, FEMALE												
2001	61.3	*	*	*	*	*	*	0.4	1.0	2.1	4.9	9.0
2000 4/.....	64.6	*	*	*	*	*	*	0.3	0.7	2.2	4.4	8.9
1999 4/.....	67.0	*	*	*	*	*	*	0.3	0.9	2.0	4.9	9.7
WHITE, BOTH SEXES												
2001	70.1	*	*	*	*	*	0.2	0.5	1.7	4.1	9.5	19.3
2000 4/.....	74.1	*	*	*	*	*	0.2	0.5	1.2	4.0	9.5	20.6
1999 4/.....	77.4	*	*	*	*	*	0.1	0.5	1.5	4.0	10.0	21.1
WHITE, MALE												
2001	74.4	*	*	*	*	*	0.3	0.6	2.5	6.1	14.9	30.9
2000 4/.....	78.8	*	*	*	*	*	*	0.6	1.8	6.0	15.3	33.6
1999 4/.....	82.7	*	*	*	*	*	*	0.6	2.1	6.2	15.8	33.8
WHITE, FEMALE												
2001	66.0	*	*	*	*	*	*	0.3	0.9	2.0	4.2	7.7
2000 4/.....	69.6	*	*	*	*	*	*	0.3	0.6	2.0	3.7	7.7
1999 4/.....	72.3	*	*	*	*	*	*	0.3	0.9	1.9	4.3	8.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Acute myocardial infarction (I21-I22)												
BLACK, BOTH SEXES												
2001	50.0	*	*	*	*	*	*	1.1	2.5	5.8	14.3	27.8
2000 4/.....	52.2	*	*	*	*	*	*	1.2	2.3	4.9	15.1	29.6
1999 4/.....	53.3	*	*	*	*	*	*	0.8	2.4	5.5	15.4	30.0
BLACK, MALE												
2001	49.2	*	*	*	*	*	*	*	3.4	8.0	18.5	36.4
2000 4/.....	52.0	*	*	*	*	*	*	1.6	2.7	6.5	20.6	41.0
1999 4/.....	53.4	*	*	*	*	*	*	*	3.4	7.7	21.1	41.1
BLACK, FEMALE												
2001	50.6	*	*	*	*	*	*	*	1.7	3.8	10.5	20.3
2000 4/.....	52.5	*	*	*	*	*	*	*	1.9	3.6	10.1	19.8
1999 4/.....	53.2	*	*	*	*	*	*	*	1.4	3.6	10.4	20.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

RACES 3/. BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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CK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other forms of chronic ischemic heart disease (I20,I25)

ALL RACES 3/, BOTH SEXES

2001	110.3	*	*	*	*	*	0.4	0.9	2.2	5.6	13.2	25.2
2000 4/.....	113.3	*	*	*	*	*	0.3	0.6	2.0	5.7	13.4	26.5
1999 4/.....	117.2	*	*	*	*	0.1	0.3	0.7	2.1	6.2	13.5	26.5

ALL RACES 3/, MALE

2001	111.9	*	*	*	*	*	0.5	1.5	3.3	8.6	20.4	40.0
2000 4/.....	114.8	*	*	*	*	*	0.4	1.1	3.1	8.7	21.1	42.5
1999 4/.....	118.0	*	*	*	*	0.2	0.3	1.0	3.2	9.4	21.5	42.6

ALL RACES 3/, FEMALE

2001	108.8	*	*	*	*	*	0.2	0.3	1.1	2.7	6.1	11.0
2000 4/.....	111.9	*	*	*	*	*	*	0.2	1.0	2.8	5.8	10.9
1999 4/.....	116.4	*	*	*	*	*	*	0.4	1.0	3.1	5.6	10.9

WHITE, BOTH SEXES

2001	119.1	*	*	*	*	*	0.3	0.8	2.0	5.3	12.3	23.3
2000 4/.....	122.6	*	*	*	*	*	0.2	0.6	1.9	5.3	12.5	24.3
1999 4/.....	126.5	*	*	*	*	*	0.2	0.7	1.9	5.8	12.3	24.6

WHITE, MALE

2001	120.1	*	*	*	*	*	0.4	1.4	3.0	8.2	19.4	37.7
2000 4/.....	123.5	*	*	*	*	*	0.3	0.9	2.9	8.2	20.3	40.1
1999 4/.....	126.5	*	*	*	*	*	*	0.9	3.0	8.8	20.1	40.4

WHITE, FEMALE

2001	118.1	*	*	*	*	*	*	*	0.9	2.4	5.2	9.0
2000 4/.....	121.6	*	*	*	*	*	*	*	0.8	2.4	4.7	8.6
1999 4/.....	126.5	*	*	*	*	*	*	0.4	0.9	2.7	4.5	9.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other forms of chronic ischemic heart disease (I20,I25)												
BLACK, BOTH SEXES												
2001	85.8	*	*	*	*	*	0.8	1.7	3.8	8.9	21.5	43.7
2000 4/.....	86.6	*	*	*	*	*	*	1.3	3.6	9.5	21.5	47.6
1999 4/.....	89.3	*	*	*	*	*	0.7	1.1	3.4	10.1	23.8	45.4
BLACK, MALE												
2001	88.2	*	*	*	*	*	*	2.4	5.9	13.3	31.2	64.0
2000 4/.....	88.0	*	*	*	*	*	*	2.1	5.0	13.4	30.3	69.2
1999 4/.....	91.1	*	*	*	*	*	*	1.7	5.0	14.9	34.9	66.9
BLACK, FEMALE												
2001	83.5	*	*	*	*	*	*	*	1.9	4.9	13.0	26.1
2000 4/.....	85.3	*	*	*	*	*	*	*	2.4	5.9	13.7	28.8
1999 4/.....	87.6	*	*	*	*	*	*	*	1.9	5.9	14.1	26.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Atherosclerotic cardiovascular disease, so described (I25.0)												
ALL RACES 3/, BOTH SEXES												
2001	23.9	*	*	*	*	*	*	0.2	0.7	1.8	4.6	8.8
2000 4/.....	24.7	*	*	*	*	*	*	0.2	0.5	1.7	4.4	9.4
1999 4/.....	25.8	*	*	*	*	*	*	0.2	0.6	2.0	4.7	9.1
ALL RACES 3/, MALE												
2001	25.3	*	*	*	*	*	*	0.3	1.0	2.8	7.2	14.6
2000 4/.....	26.0	*	*	*	*	*	*	0.3	0.9	2.8	7.1	15.5
1999 4/.....	26.8	*	*	*	*	*	*	0.2	0.9	3.1	7.6	14.9
ALL RACES 3/, FEMALE												
2001	22.5	*	*	*	*	*	*	*	0.4	0.8	2.1	3.3
2000 4/.....	23.5	*	*	*	*	*	*	*	0.2	0.7	1.8	3.5
1999 4/.....	24.8	*	*	*	*	*	*	*	0.3	0.9	1.8	3.5
WHITE, BOTH SEXES												
2001	24.3	*	*	*	*	*	*	0.2	0.6	1.7	4.2	7.9
2000 4/.....	25.1	*	*	*	*	*	*	*	0.5	1.6	4.0	8.3
1999 4/.....	26.1	*	*	*	*	*	*	0.1	0.5	1.8	4.2	8.0
WHITE, MALE												
2001	25.3	*	*	*	*	*	*	0.3	0.9	2.7	6.6	13.3
2000 4/.....	26.0	*	*	*	*	*	*	*	0.8	2.5	6.6	14.0
1999 4/.....	26.6	*	*	*	*	*	*	*	0.8	2.9	7.0	13.2
WHITE, FEMALE												
2001	23.3	*	*	*	*	*	*	*	0.3	0.7	1.8	2.6
2000 4/.....	24.3	*	*	*	*	*	*	*	*	0.6	1.4	2.7
1999 4/.....	25.6	*	*	*	*	*	*	*	*	0.7	1.3	2.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Atherosclerotic cardiovascular disease, so described (I25.0)												
BLACK, BOTH SEXES												
2001	27.7	*	*	*	*	*	*	*	1.0	3.0	8.2	16.8
2000 4/.....	28.5	*	*	*	*	*	*	*	0.9	2.9	7.4	19.4
1999 4/.....	29.9	*	*	*	*	*	*	*	1.2	3.7	9.1	19.1
BLACK, MALE												
2001	31.5	*	*	*	*	*	*	*	*	4.6	12.4	25.7
2000 4/.....	32.3	*	*	*	*	*	*	*	*	4.7	11.0	30.3
1999 4/.....	33.8	*	*	*	*	*	*	*	1.7	5.8	13.7	29.9
BLACK, FEMALE												
2001	24.3	*	*	*	*	*	*	*	*	1.6	4.5	9.0
2000 4/.....	25.0	*	*	*	*	*	*	*	*	1.4	4.2	10.0
1999 4/.....	26.4	*	*	*	*	*	*	*	*	1.9	5.0	9.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)

ALL RACES 3/, BOTH SEXES

2001	86.4	*	*	*	*	*	0.3	0.7	1.5	3.8	8.6	16.4
2000 4/.....	88.6	*	*	*	*	*	0.2	0.5	1.5	4.0	9.0	17.0
1999 4/.....	91.4	*	*	*	*	0.1	0.2	0.6	1.5	4.3	8.8	17.4

ALL RACES 3/, MALE

2001	86.5	*	*	*	*	*	0.4	1.1	2.3	5.8	13.2	25.4
2000 4/.....	88.8	*	*	*	*	*	0.2	0.8	2.2	5.9	14.0	27.0
1999 4/.....	91.2	*	*	*	*	0.2	0.2	0.8	2.2	6.3	13.9	27.7

ALL RACES 3/, FEMALE

2001	86.2	*	*	*	*	*	*	0.2	0.7	1.9	4.0	7.6
2000 4/.....	88.4	*	*	*	*	*	*	*	0.8	2.1	4.0	7.3
1999 4/.....	91.6	*	*	*	*	*	*	0.3	0.7	2.2	3.9	7.4

WHITE, BOTH SEXES

2001	94.8	*	*	*	*	*	0.2	0.6	1.4	3.6	8.1	15.4
2000 4/.....	97.4	*	*	*	*	*	0.1	0.4	1.4	3.7	8.5	16.0
1999 4/.....	100.4	*	*	*	*	*	0.1	0.5	1.4	4.0	8.2	16.6

WHITE, MALE

2001	94.8	*	*	*	*	*	0.4	1.1	2.1	5.5	12.8	24.4
2000 4/.....	97.5	*	*	*	*	*	*	0.7	2.1	5.6	13.7	26.1
1999 4/.....	99.9	*	*	*	*	*	*	0.7	2.1	6.0	13.1	27.2

WHITE, FEMALE

2001	94.9	*	*	*	*	*	*	*	0.6	1.7	3.5	6.4
2000 4/.....	97.3	*	*	*	*	*	*	*	0.6	1.8	3.3	5.9
1999 4/.....	100.8	*	*	*	*	*	*	0.3	0.6	2.0	3.2	6.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)

BLACK, BOTH SEXES												
2001	58.0	*	*	*	*	*	*	1.2	2.8	5.8	13.3	26.9
2000 4/.....	58.1	*	*	*	*	*	*	0.8	2.8	6.5	14.1	28.1
1999 4/.....	59.3	*	*	*	*	*	*	0.8	2.2	6.4	14.7	26.3
BLACK, MALE												
2001	56.7	*	*	*	*	*	*	1.8	4.6	8.7	18.8	38.3
2000 4/.....	55.8	*	*	*	*	*	*	*	3.8	8.7	19.3	39.0
1999 4/.....	57.3	*	*	*	*	*	*	*	3.3	9.2	21.2	37.0
BLACK, FEMALE												
2001	59.2	*	*	*	*	*	*	*	*	3.3	8.5	17.0
2000 4/.....	60.3	*	*	*	*	*	*	*	1.9	4.5	9.5	18.7
1999 4/.....	61.2	*	*	*	*	*	*	*	*	4.0	9.1	17.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other heart diseases (I26-I51)												
ALL RACES 3/, BOTH SEXES												
2001	58.6	11.1	1.4	0.5	0.7	1.5	2.5	3.6	5.1	8.0	11.9	17.9
2000 4/.....	58.8	12.0	1.1	0.5	0.7	1.8	2.6	3.5	5.2	7.5	12.3	17.6
1999 4/.....	59.4	12.9	1.2	0.5	0.7	2.0	2.6	3.5	5.3	8.2	12.5	17.8
ALL RACES 3/, MALE												
2001	51.8	10.8	1.5	0.4	0.8	1.9	3.1	4.3	6.0	9.9	14.9	23.1
2000 4/.....	52.2	12.2	1.2	0.6	0.9	2.1	3.1	4.2	6.2	9.1	15.4	23.0
1999 4/.....	53.1	13.1	1.3	0.5	0.8	2.4	3.0	4.0	6.4	10.3	15.6	23.0
ALL RACES 3/, FEMALE												
2001	65.2	11.5	1.3	0.5	0.7	1.1	1.9	2.9	4.1	6.0	8.9	12.8
2000 4/.....	65.1	11.8	0.9	0.4	0.6	1.4	2.1	2.9	4.1	5.9	9.2	12.3
1999 4/.....	65.5	12.7	1.0	0.4	0.7	1.5	2.2	2.9	4.2	6.1	9.4	12.8
WHITE, BOTH SEXES												
2001	62.3	9.3	1.1	0.4	0.7	1.3	2.0	2.9	4.1	6.5	9.7	14.9
2000 4/.....	62.5	10.6	1.0	0.4	0.6	1.4	2.1	2.8	4.3	6.1	10.2	14.6
1999 4/.....	62.9	11.0	1.0	0.4	0.6	1.8	2.1	2.7	4.4	6.7	10.2	14.6
WHITE, MALE												
2001	54.1	9.6	1.2	0.4	0.7	1.5	2.4	3.5	4.8	8.1	12.7	19.7
2000 4/.....	54.6	10.8	1.2	0.5	0.8	1.7	2.5	3.4	5.2	7.5	13.0	19.7
1999 4/.....	55.1	11.4	1.1	0.5	0.7	2.1	2.4	3.3	5.4	8.5	13.3	19.4
WHITE, FEMALE												
2001	70.4	8.9	1.1	0.5	0.6	1.0	1.5	2.3	3.4	4.8	6.6	10.1
2000 4/.....	70.2	10.4	0.7	0.3	0.4	1.2	1.6	2.2	3.3	4.6	7.4	9.6
1999 4/.....	70.5	10.7	0.8	0.4	0.6	1.4	1.9	2.2	3.4	4.8	7.2	9.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other heart diseases (I26-I51)												
BLACK, BOTH SEXES												
2001	52.8	20.1	2.9	0.8	1.1	2.9	5.5	8.7	12.3	18.4	29.2	43.1
2000 4/.....	52.7	19.0	1.9	0.8	1.4	3.6	6.0	8.8	11.9	17.8	28.5	43.3
1999 4/.....	54.4	22.3	2.0	0.7	1.2	3.5	5.6	8.6	12.4	19.5	30.2	44.9
BLACK, MALE												
2001	51.7	17.7	3.2	*	1.2	3.8	7.0	10.7	14.9	23.1	33.7	53.5
2000 4/.....	51.5	18.9	1.9	*	1.4	4.3	6.7	10.1	14.3	21.6	34.8	54.3
1999 4/.....	54.3	21.8	2.1	*	1.5	4.8	6.8	10.2	15.2	24.3	36.2	56.1
BLACK, FEMALE												
2001	53.8	22.7	2.5	*	*	2.0	4.1	6.9	10.0	14.1	25.3	34.0
2000 4/.....	53.9	19.2	2.0	*	1.3	2.9	5.3	7.6	9.8	14.5	22.9	33.9
1999 4/.....	54.5	22.8	1.8	*	*	2.2	4.5	7.1	9.9	15.3	24.9	35.2

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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RACES 3/, BOTH SEXES

[illegible]

2001	0.4	*	*	*	*	*	*	*	*	0.2	0.3	0.2
2000 4/.....	0.4	*	*	*	*	*	*	*	*	*	0.2	0.3
1999 4/.....	0.3	*	*	*	*	*	*	*	*	0.2	*	*

2001	0.4	*	*	*	*	*	*	*	0.2	0.2	0.4
2000 4/.....	0.4	*	*	*	*	*	*	*	0.1	0.3	0.3
1999 4/.....	0.4	*	*	*	*	*	*	*	0.2	0.2	0.3

2001	0.5	*	*	*	*	*	*	*	*	0.3	0.5
2000 4/.....	0.5	*	*	*	*	*	*	*	*	0.4	0.5
1999 4/.....	0.5	*	*	*	*	*	*	*	0.2	0.3	0.4

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Heart failure (I50)												
ALL RACES 3/, BOTH SEXES												
2001	20.0	0.6	*	*	*	*	*	0.2	0.2	0.5	0.8	1.7
2000 4/.....	19.8	0.8	*	*	*	0.1	*	0.1	0.2	0.3	0.8	1.4
1999 4/.....	19.7	*	*	*	*	*	*	0.1	0.2	0.4	0.8	1.5
ALL RACES 3/, MALE												
2001	15.5	*	*	*	*	*	*	0.3	0.3	0.7	0.9	2.2
2000 4/.....	15.3	1.1	*	*	*	*	*	*	0.2	0.4	1.1	1.9
1999 4/.....	15.2	*	*	*	*	*	*	*	*	0.5	1.0	1.9
ALL RACES 3/, FEMALE												
2001	24.3	*	*	*	*	*	*	*	0.2	0.4	0.7	1.2
2000 4/.....	24.1	*	*	*	*	*	*	*	*	0.3	0.6	0.9
1999 4/.....	24.0	*	*	*	*	*	*	*	*	0.3	0.6	1.1
WHITE, BOTH SEXES												
2001	22.1	*	*	*	*	*	*	0.2	0.2	0.4	0.6	1.4
2000 4/.....	21.8	*	*	*	*	*	*	*	0.1	0.2	0.6	1.1
1999 4/.....	21.6	*	*	*	*	*	*	*	0.1	0.3	0.6	1.1
WHITE, MALE												
2001	16.9	*	*	*	*	*	*	*	*	0.5	0.7	1.9
2000 4/.....	16.7	*	*	*	*	*	*	*	*	0.3	0.9	1.5
1999 4/.....	16.4	*	*	*	*	*	*	*	*	0.4	0.8	1.4
WHITE, FEMALE												
2001	27.1	*	*	*	*	*	*	*	*	0.3	0.5	0.8
2000 4/.....	26.7	*	*	*	*	*	*	*	*	*	0.4	0.6
1999 4/.....	26.6	*	*	*	*	*	*	*	*	0.3	0.4	0.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)

ALL RACES 3/, BOTH SEXES

2001	37.9	9.7	1.1	0.4	0.7	1.3	2.3	3.3	4.6	7.0	10.5	15.4
2000 4/.....	38.3	10.6	0.9	0.4	0.6	1.5	2.4	3.2	4.8	6.8	10.9	15.5
1999 4/.....	39.0	11.9	0.9	0.4	0.7	1.8	2.4	3.2	4.9	7.4	11.1	15.7

ALL RACES 3/, MALE

2001	35.6	9.1	1.2	0.3	0.7	1.7	2.8	3.8	5.4	8.8	13.4	19.9
2000 4/.....	36.1	10.5	1.0	0.5	0.8	1.9	2.8	3.8	5.7	8.3	13.6	20.2
1999 4/.....	37.1	12.1	1.0	0.4	0.8	2.2	2.7	3.7	5.9	9.3	13.9	20.2

ALL RACES 3/, FEMALE

2001	40.2	10.4	1.0	0.4	0.6	1.0	1.7	2.7	3.7	5.3	7.6	11.1
2000 4/.....	40.4	10.7	0.7	0.3	0.5	1.2	2.0	2.6	3.8	5.3	8.2	11.0
1999 4/.....	40.9	11.6	0.8	0.4	0.5	1.4	2.0	2.7	3.9	5.4	8.3	11.2

WHITE, BOTH SEXES

2001	39.6	8.2	0.9	0.3	0.6	1.1	1.8	2.6	3.7	5.7	8.7	12.9
2000 4/.....	40.0	9.6	0.8	0.3	0.5	1.3	1.9	2.5	3.9	5.5	9.1	13.0
1999 4/.....	40.6	10.3	0.8	0.4	0.6	1.6	1.9	2.5	4.0	6.0	9.2	12.9

WHITE, MALE

2001	36.5	8.2	0.9	0.3	0.6	1.3	2.3	3.1	4.4	7.2	11.5	17.0
2000 4/.....	37.1	9.4	0.9	0.4	0.7	1.5	2.3	3.1	4.8	6.9	11.5	17.5
1999 4/.....	37.9	10.7	1.0	0.4	0.6	1.9	2.2	3.0	4.9	7.7	11.9	17.3

WHITE, FEMALE

2001	42.6	8.2	0.8	0.3	0.5	0.9	1.3	2.1	3.0	4.2	5.8	8.8
2000 4/.....	42.8	9.7	0.7	*	0.3	1.0	1.5	1.9	3.0	4.2	6.7	8.6
1999 4/.....	43.2	10.0	0.7	0.4	0.5	1.4	1.7	2.0	3.1	4.3	6.5	8.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)

BLACK, BOTH SEXES

2001	38.0	17.2	2.3	0.6	1.1	2.6	4.9	7.9	11.2	16.3	25.1	36.9
2000 4/.....	38.2	15.6	1.4	0.7	1.1	3.2	5.4	8.0	10.8	15.9	25.2	37.3
1999 4/.....	39.6	20.2	1.4	0.6	1.1	3.3	5.2	7.8	11.4	17.5	26.3	38.5

BLACK, MALE

2001	38.9	15.0	2.6	*	1.1	3.4	6.3	9.3	13.5	20.3	30.0	45.9
2000 4/.....	39.2	14.7	1.6	*	1.2	3.9	6.1	9.1	13.2	19.3	30.9	46.3
1999 4/.....	41.5	19.8	*	*	1.5	4.6	6.2	9.2	13.8	21.8	31.8	47.7

BLACK, FEMALE

2001	37.2	19.5	2.0	*	*	1.7	3.5	6.6	9.2	12.8	20.8	29.1
2000 4/.....	37.3	16.5	*	*	*	2.6	4.8	6.9	8.7	12.9	20.3	29.5
1999 4/.....	37.9	20.5	*	*	*	2.0	4.2	6.5	9.2	13.7	21.5	30.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Essential (primary) hypertension and hypertensive renal disease (I10,I12)

ALL RACES 3/, BOTH SEXES

2001	6.8	*	*	*	*	*	*	0.2	0.3	0.5	1.0	1.9
2000 4/.....	6.4	*	*	*	*	*	*	0.1	0.2	0.5	1.1	1.8
1999 4/.....	6.1	*	*	*	*	*	*	0.1	0.3	0.5	0.9	1.7

ALL RACES 3/, MALE

2001	5.2	*	*	*	*	*	*	0.2	0.4	0.5	1.3	2.3
2000 4/.....	5.0	*	*	*	*	*	*	*	0.3	0.5	1.4	2.3
1999 4/.....	4.7	*	*	*	*	*	*	*	0.3	0.6	1.1	2.0

ALL RACES 3/, FEMALE

2001	8.3	*	*	*	*	*	*	*	0.3	0.4	0.7	1.4
2000 4/.....	7.8	*	*	*	*	*	*	*	0.2	0.4	0.8	1.3
1999 4/.....	7.4	*	*	*	*	*	*	*	*	0.3	0.7	1.3

WHITE, BOTH SEXES

2001	6.3	*	*	*	*	*	*	*	0.2	0.2	0.5	1.1
2000 4/.....	6.0	*	*	*	*	*	*	*	0.1	0.2	0.6	1.0
1999 4/.....	5.6	*	*	*	*	*	*	*	0.1	0.2	0.5	1.0

WHITE, MALE

2001	4.7	*	*	*	*	*	*	*	0.2	0.3	0.7	1.4
2000 4/.....	4.5	*	*	*	*	*	*	*	*	0.3	0.9	1.4
1999 4/.....	4.2	*	*	*	*	*	*	*	0.2	0.3	0.7	1.3

WHITE, FEMALE

2001	8.0	*	*	*	*	*	*	*	*	*	0.3	0.7
2000 4/.....	7.4	*	*	*	*	*	*	*	*	*	0.4	0.6
1999 4/.....	7.0	*	*	*	*	*	*	*	*	*	0.3	0.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Essential (primary) hypertension and hypertensive renal disease (I10,I12)												
BLACK, BOTH SEXES												
2001	10.9	*	*	*	*	*	*	*	1.3	1.8	4.4	7.8
2000 4/.....	10.6	*	*	*	*	*	*	*	1.0	2.1	4.2	7.2
1999 4/.....	10.3	*	*	*	*	*	*	*	1.0	2.2	4.0	6.3
BLACK, MALE												
2001	9.7	*	*	*	*	*	*	*	*	2.2	5.5	10.1
2000 4/.....	9.1	*	*	*	*	*	*	*	*	2.2	5.3	9.0
1999 4/.....	9.1	*	*	*	*	*	*	*	*	2.7	4.6	7.8
BLACK, FEMALE												
2001	11.9	*	*	*	*	*	*	*	1.4	1.5	3.4	5.8
2000 4/.....	12.0	*	*	*	*	*	*	*	*	2.0	3.2	5.7
1999 4/.....	11.4	*	*	*	*	*	*	*	*	1.8	3.5	5.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Cerebrovascular diseases (I60-I69)												
ALL RACES 3/, BOTH SEXES												
2001	57.4	2.7	0.4	0.2	0.2	0.3	0.7	1.1	1.9	3.8	7.2	12.1
2000 4/.....	59.6	3.3	0.3	0.1	0.2	0.3	0.7	1.1	1.9	3.9	7.7	13.1
1999 4/.....	60.0	2.7	0.3	0.1	0.2	0.3	0.6	1.0	1.8	4.0	7.5	12.5
ALL RACES 3/, MALE												
2001	45.2	3.1	0.3	0.2	0.2	0.3	0.7	1.1	2.0	3.9	7.4	13.2
2000 4/.....	46.9	3.8	*	*	0.2	0.4	0.7	1.1	1.9	3.8	7.8	14.2
1999 4/.....	47.1	3.3	0.3	*	*	0.3	0.6	1.0	1.9	3.9	7.8	13.3
ALL RACES 3/, FEMALE												
2001	69.2	2.3	0.4	*	0.2	0.3	0.6	1.0	1.9	3.6	7.1	10.9
2000 4/.....	71.8	2.7	0.4	*	0.3	0.3	0.7	1.0	1.9	4.0	7.5	12.0
1999 4/.....	72.3	2.1	0.3	*	0.2	0.3	0.6	1.0	1.8	4.1	7.1	11.7
WHITE, BOTH SEXES												
2001	60.5	1.9	0.3	0.2	0.2	0.3	0.5	0.9	1.7	3.1	5.6	9.3
2000 4/.....	62.8	2.5	0.3	0.1	0.2	0.3	0.6	1.0	1.6	3.0	5.9	9.7
1999 4/.....	63.3	2.3	0.3	0.1	0.2	0.3	0.6	0.9	1.5	3.2	5.7	9.4
WHITE, MALE												
2001	46.6	2.2	*	*	*	0.3	0.7	0.9	1.8	3.1	5.9	10.2
2000 4/.....	48.4	3.0	*	*	*	0.4	0.7	1.1	1.6	3.0	6.1	10.8
1999 4/.....	48.7	2.8	*	*	*	0.3	0.6	0.9	1.7	3.2	6.1	9.8
WHITE, FEMALE												
2001	74.0	1.6	0.4	*	*	0.3	0.4	0.9	1.6	3.0	5.4	8.3
2000 4/.....	76.9	2.0	*	*	0.3	*	0.6	0.9	1.5	3.0	5.7	8.7
1999 4/.....	77.6	1.9	*	*	*	*	0.6	0.9	1.4	3.3	5.3	8.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Cerebrovascular diseases (I60-I69)												
BLACK, BOTH SEXES												
2001	51.1	6.6	*	*	*	*	1.3	2.2	3.6	8.1	18.4	32.6
2000 4/.....	52.5	7.5	*	*	*	*	1.1	1.5	4.3	9.6	19.7	37.2
1999 4/.....	52.2	4.6	*	*	*	*	0.8	1.8	3.6	9.1	19.9	34.4
BLACK, MALE												
2001	44.6	8.1	*	*	*	*	*	2.8	3.4	8.8	17.8	36.5
2000 4/.....	46.1	8.6	*	*	*	*	*	*	4.1	9.2	20.5	41.0
1999 4/.....	45.9	*	*	*	*	*	*	1.9	3.7	8.9	20.8	38.8
BLACK, FEMALE												
2001	56.9	*	*	*	*	*	1.7	1.7	3.8	7.4	19.0	29.1
2000 4/.....	58.3	*	*	*	*	*	*	1.6	4.6	10.0	19.0	33.9
1999 4/.....	57.9	*	*	*	*	*	*	1.8	3.6	9.2	19.0	30.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

[illegible][illegible][illegible][illegible][illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Atherosclerosis (I70)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other diseases of circulatory system (I71-I78)												
ALL RACES 3/, BOTH SEXES												
2001	8.9	*	*	*	*	0.1	0.2	0.4	0.5	0.9	1.3	2.0
2000 4/.....	9.3	*	*	*	*	*	0.2	0.3	0.5	0.7	1.3	2.1
1999 4/.....	9.2	*	*	*	*	*	0.2	0.3	0.4	0.8	1.4	2.1
ALL RACES 3/, MALE												
2001	9.6	*	*	*	*	*	0.2	0.4	0.7	1.2	1.8	2.8
2000 4/.....	10.2	*	*	*	*	*	0.2	0.4	0.6	0.8	1.7	2.8
1999 4/.....	10.1	*	*	*	*	*	0.2	0.4	0.6	1.0	1.6	3.0
ALL RACES 3/, FEMALE												
2001	8.2	*	*	*	*	*	*	0.3	0.3	0.6	0.9	1.2
2000 4/.....	8.3	*	*	*	*	*	*	*	0.4	0.6	0.9	1.5
1999 4/.....	8.4	*	*	*	*	*	*	*	0.2	0.5	1.1	1.3
WHITE, BOTH SEXES												
2001	9.6	*	*	*	*	*	0.2	0.3	0.5	0.8	1.1	1.8
2000 4/.....	10.0	*	*	*	*	*	0.2	0.2	0.5	0.6	1.0	1.8
1999 4/.....	10.0	*	*	*	*	*	0.2	0.2	0.4	0.7	1.2	1.9
WHITE, MALE												
2001	10.4	*	*	*	*	*	*	0.5	0.6	1.0	1.4	2.5
2000 4/.....	11.1	*	*	*	*	*	*	0.3	0.6	0.7	1.3	2.5
1999 4/.....	11.0	*	*	*	*	*	*	0.3	0.6	1.0	1.5	2.7
WHITE, FEMALE												
2001	8.8	*	*	*	*	*	*	*	0.3	0.5	0.7	1.1
2000 4/.....	8.9	*	*	*	*	*	*	*	0.3	0.6	0.7	1.1
1999 4/.....	9.1	*	*	*	*	*	*	*	*	0.5	0.9	1.0

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Aortic aneurysm and dissection (I71)												
ALL RACES 3/, BOTH SEXES												
2001	5.3	*	*	*	*	*	0.1	0.2	0.3	0.6	0.9	1.4
2000 4/.....	5.6	*	*	*	*	*	0.1	0.2	0.3	0.5	0.9	1.3
1999 4/.....	5.7	*	*	*	*	*	0.1	0.2	0.3	0.6	0.9	1.4
ALL RACES 3/, MALE												
2001	6.5	*	*	*	*	*	*	0.4	0.5	0.9	1.4	2.1
2000 4/.....	7.0	*	*	*	*	*	*	0.3	0.5	0.6	1.3	1.9
1999 4/.....	7.0	*	*	*	*	*	*	0.3	0.5	0.9	1.2	2.2
ALL RACES 3/, FEMALE												
2001	4.2	*	*	*	*	*	*	*	*	0.3	0.3	0.6
2000 4/.....	4.3	*	*	*	*	*	*	*	0.2	0.3	0.5	0.8
1999 4/.....	4.4	*	*	*	*	*	*	*	*	0.3	0.5	0.7
WHITE, BOTH SEXES												
2001	5.9	*	*	*	*	*	0.1	0.2	0.3	0.5	0.7	1.2
2000 4/.....	6.2	*	*	*	*	*	*	0.2	0.3	0.4	0.7	1.2
1999 4/.....	6.3	*	*	*	*	*	*	0.2	0.3	0.6	0.7	1.2
WHITE, MALE												
2001	7.2	*	*	*	*	*	*	0.4	0.5	0.8	1.1	1.9
2000 4/.....	7.8	*	*	*	*	*	*	*	0.4	0.6	1.0	1.8
1999 4/.....	7.8	*	*	*	*	*	*	*	0.5	0.8	1.0	1.9
WHITE, FEMALE												
2001	4.6	*	*	*	*	*	*	*	*	*	0.3	0.5
2000 4/.....	4.6	*	*	*	*	*	*	*	*	0.3	0.3	0.5
1999 4/.....	4.8	*	*	*	*	*	*	*	*	0.3	0.4	0.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

[illegible]

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other diseases of arteries, arterioles and capillaries (I72-I78)

ALL RACES 3/, BOTH SEXES

2001	3.5	*	*	*	*	*	*	0.1	0.2	0.3	0.5	0.6
2000 4/.....	3.6	*	*	*	*	*	*	*	0.2	0.2	0.4	0.8
1999 4/.....	3.6	*	*	*	*	*	*	*	0.1	0.2	0.5	0.7

ALL RACES 3/, MALE

2001	3.1	*	*	*	*	*	*	*	*	0.2	0.4	0.7
2000 4/.....	3.2	*	*	*	*	*	*	*	*	0.2	0.3	0.8
1999 4/.....	3.1	*	*	*	*	*	*	*	*	*	0.4	0.8

ALL RACES 3/, FEMALE

2001	4.0	*	*	*	*	*	*	*	*	0.3	0.5	0.6
2000 4/.....	4.0	*	*	*	*	*	*	*	*	0.3	0.5	0.7
1999 4/.....	4.1	*	*	*	*	*	*	*	*	0.2	0.5	0.6

WHITE, BOTH SEXES

2001	3.7	*	*	*	*	*	*	*	0.1	0.2	0.4	0.6
2000 4/.....	3.8	*	*	*	*	*	*	*	0.2	0.2	0.3	0.7
1999 4/.....	3.8	*	*	*	*	*	*	*	0.1	0.2	0.5	0.7

WHITE, MALE

2001	3.2	*	*	*	*	*	*	*	*	*	0.3	0.6
2000 4/.....	3.4	*	*	*	*	*	*	*	*	*	0.3	0.7
1999 4/.....	3.2	*	*	*	*	*	*	*	*	*	0.4	0.8

WHITE, FEMALE

2001	4.2	*	*	*	*	*	*	*	*	0.3	0.5	0.6
2000 4/.....	4.2	*	*	*	*	*	*	*	*	0.3	0.4	0.6
1999 4/.....	4.3	*	*	*	*	*	*	*	*	*	0.5	0.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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LACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other disorders of circulatory system (I80-I99)

ALL RACES 3/, BOTH SEXES

2001	1.6	0.5	*	*	*	*	0.1	0.2	0.4	0.4	0.8	1.1
2000 4/.....	1.6	0.7	*	*	*	*	0.1	0.3	0.4	0.6	0.9	1.2
1999 4/.....	1.4	0.6	*	*	*	*	*	0.2	0.3	0.4	0.8	1.0

ALL RACES 3/, MALE

2001	1.4	*	*	*	*	*	*	*	0.3	0.5	0.9	1.2
2000 4/.....	1.4	*	*	*	*	*	*	*	0.4	0.6	1.1	1.5
1999 4/.....	1.3	*	*	*	*	*	*	*	0.3	0.5	0.9	1.1

ALL RACES 3/, FEMALE

2001	1.9	*	*	*	*	*	*	0.3	0.4	0.4	0.8	0.9
2000 4/.....	1.8	*	*	*	*	*	*	0.4	0.4	0.5	0.7	1.0
1999 4/.....	1.6	*	*	*	*	*	*	*	0.3	0.4	0.6	1.0

WHITE, BOTH SEXES

2001	1.7	*	*	*	*	*	*	0.2	0.3	0.3	0.7	0.9
2000 4/.....	1.6	0.7	*	*	*	*	*	0.2	0.3	0.5	0.8	1.1
1999 4/.....	1.5	*	*	*	*	*	*	0.1	0.3	0.4	0.6	0.9

WHITE, MALE

2001	1.4	*	*	*	*	*	*	*	0.3	0.4	0.7	1.2
2000 4/.....	1.4	*	*	*	*	*	*	*	0.3	0.5	1.0	1.3
1999 4/.....	1.2	*	*	*	*	*	*	*	0.2	0.4	0.8	0.9

WHITE, FEMALE

2001	1.9	*	*	*	*	*	*	*	0.3	0.3	0.7	0.7
2000 4/.....	1.9	*	*	*	*	*	*	0.3	0.3	0.4	0.5	0.9
1999 4/.....	1.7	*	*	*	*	*	*	*	0.3	0.3	0.5	0.9

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

SENIOR, BOTH SEXES											
2001	2.0	*	*	*	*	*	*	1.0	1.2	1.8	2.1
2000 4/.....	2.1	*	*	*	*	*	0.9	0.9	1.2	1.8	2.5
1999 4/.....	1.7	*	*	*	*	*	*	*	1.0	1.9	2.4

BLACK, MALE

[illegible]

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Influenza and pneumonia (J10-J18)

ALL RACES 3/, BOTH SEXES												
2001	21.8	7.4	0.7	0.2	0.2	0.3	0.6	0.7	1.0	1.8	2.6	3.9
2000 4/.....	23.2	7.6	0.7	0.2	0.2	0.3	0.7	0.7	1.1	1.8	3.0	3.9
1999 4/.....	22.8	8.4	0.8	0.2	0.2	0.4	0.6	0.7	1.0	2.0	2.7	4.1
ALL RACES 3/, MALE												
2001	19.6	8.1	0.7	0.2	0.2	0.3	0.7	0.7	1.2	2.0	3.0	4.9
2000 4/.....	20.8	8.4	0.7	0.3	0.2	0.3	0.7	0.8	1.2	1.9	3.8	4.7
1999 4/.....	20.3	8.8	0.8	0.3	0.3	0.3	0.6	0.8	1.2	2.2	3.1	5.2
ALL RACES 3/, FEMALE												
2001	23.9	6.7	0.7	0.2	0.2	0.3	0.5	0.6	0.9	1.6	2.2	3.0
2000 4/.....	25.6	6.8	0.7	0.2	*	0.3	0.6	0.6	1.0	1.7	2.2	3.1
1999 4/.....	25.3	8.0	0.9	*	0.2	0.4	0.5	0.6	0.8	1.8	2.3	3.0
WHITE, BOTH SEXES												
2001	23.6	5.3	0.7	0.2	0.2	0.3	0.5	0.6	0.9	1.5	2.2	3.3
2000 4/.....	25.2	5.8	0.6	0.2	0.2	0.3	0.6	0.6	1.0	1.6	2.5	3.4
1999 4/.....	24.8	6.2	0.6	0.2	0.2	0.3	0.5	0.5	0.8	1.7	2.1	3.4
WHITE, MALE												
2001	20.7	6.2	0.7	*	*	0.3	0.7	0.5	1.0	1.7	2.5	4.2
2000 4/.....	22.0	6.4	0.5	0.3	*	0.3	0.7	0.6	1.0	1.7	3.2	3.9
1999 4/.....	21.5	6.7	0.5	0.3	0.3	0.3	0.5	0.6	1.0	1.9	2.3	4.2
WHITE, FEMALE												
2001	26.4	4.4	0.6	*	*	0.3	0.3	0.6	0.8	1.4	1.8	2.5
2000 4/.....	28.2	5.1	0.7	*	*	0.3	0.5	0.6	0.9	1.6	1.8	2.8
1999 4/.....	27.9	5.6	0.7	*	*	0.4	0.4	0.5	0.6	1.6	1.9	2.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Influenza and pneumonia (J10-J18)												
BLACK, BOTH SEXES												
2001	15.5	16.3	1.0	*	*	*	1.0	1.2	2.1	3.7	5.8	9.0
2000 4/.....	16.4	16.7	1.2	*	*	*	1.1	1.4	2.0	2.9	6.1	8.3
1999 4/.....	16.2	19.0	1.7	*	*	*	1.3	1.7	2.2	4.1	6.9	9.7
BLACK, MALE												
2001	15.9	15.9	*	*	*	*	*	*	2.7	4.5	7.0	11.4
2000 4/.....	16.7	17.9	1.7	*	*	*	*	2.1	2.5	3.0	8.3	11.3
1999 4/.....	16.4	18.9	2.0	*	*	*	*	1.9	2.5	4.5	9.0	13.4
BLACK, FEMALE												
2001	15.2	16.7	*	*	*	*	*	*	1.4	3.0	4.8	6.9
2000 4/.....	16.0	15.5	*	*	*	*	*	*	1.6	2.7	4.2	5.8
1999 4/.....	16.1	19.1	*	*	*	*	*	1.5	1.9	3.8	5.1	6.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Pneumonia (J12-J18)												
ALL RACES 3/, BOTH SEXES												
2001	21.7	7.2	0.7	0.2	0.2	0.3	0.6	0.6	1.0	1.8	2.6	3.9
2000 4/.....	22.6	7.4	0.6	0.2	0.2	0.3	0.6	0.7	1.1	1.7	2.9	3.8
1999 4/.....	22.2	8.1	0.8	0.2	0.2	0.3	0.5	0.7	1.0	2.0	2.7	4.0
ALL RACES 3/, MALE												
2001	19.5	7.8	0.7	0.2	0.2	0.3	0.7	0.6	1.2	2.0	3.0	4.8
2000 4/.....	20.3	8.1	0.6	0.2	*	0.3	0.7	0.8	1.2	1.8	3.7	4.6
1999 4/.....	19.8	8.5	0.7	0.2	0.2	0.3	0.6	0.8	1.1	2.2	3.1	5.1
ALL RACES 3/, FEMALE												
2001	23.8	6.7	0.7	*	0.2	0.3	0.5	0.6	0.8	1.6	2.2	2.9
2000 4/.....	24.8	6.6	0.6	*	*	0.3	0.6	0.6	0.9	1.7	2.1	3.0
1999 4/.....	24.6	7.7	0.8	*	*	0.3	0.5	0.6	0.8	1.8	2.3	2.9
WHITE, BOTH SEXES												
2001	23.5	5.1	0.6	0.2	0.2	0.3	0.5	0.5	0.9	1.5	2.1	3.3
2000 4/.....	24.4	5.6	0.5	0.2	0.2	0.3	0.6	0.6	1.0	1.6	2.4	3.2
1999 4/.....	24.1	5.9	0.6	0.2	0.2	0.3	0.4	0.5	0.8	1.7	2.1	3.3
WHITE, MALE												
2001	20.6	5.8	0.6	*	*	0.3	0.7	0.5	1.0	1.6	2.5	4.1
2000 4/.....	21.5	6.1	0.4	0.3	*	0.3	0.6	0.6	1.0	1.7	3.1	3.8
1999 4/.....	21.0	6.7	0.4	*	0.2	0.3	0.5	0.6	0.9	1.9	2.2	4.2
WHITE, FEMALE												
2001	26.2	4.4	0.6	*	*	0.3	0.3	0.6	0.7	1.4	1.8	2.4
2000 4/.....	27.3	5.0	0.6	*	*	*	0.5	0.6	0.9	1.5	1.8	2.7
1999 4/.....	27.1	5.2	0.7	*	*	0.3	0.4	0.4	0.6	1.6	1.9	2.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Pneumonia (J12-J18)												
BLACK, BOTH SEXES												
2001	15.5	16.3	1.0	*	*	*	1.0	1.2	2.0	3.7	5.8	9.0
2000 4/.....	16.1	16.4	1.2	*	*	*	1.0	1.4	2.0	2.9	6.0	8.1
1999 4/.....	16.1	18.3	1.7	*	*	*	1.3	1.7	2.2	4.0	6.8	9.7
BLACK, MALE												
2001	15.8	15.9	*	*	*	*	*	*	2.7	4.5	7.0	11.4
2000 4/.....	16.5	17.9	1.7	*	*	*	*	2.0	2.5	3.0	8.1	11.0
1999 4/.....	16.3	17.9	1.9	*	*	*	*	1.9	2.5	4.4	8.9	13.3
BLACK, FEMALE												
2001	15.1	16.7	*	*	*	*	*	*	1.4	3.0	4.7	6.9
2000 4/.....	15.8	14.9	*	*	*	*	*	*	1.6	2.7	4.2	5.6
1999 4/.....	15.9	18.8	*	*	*	*	*	1.5	1.9	3.6	5.0	6.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	UNDER 1 AGES 1/ YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Chronic lower respiratory diseases (J40-J47)												
ALL RACES 3/, BOTH SEXES												
2001	43.2	1.0	0.3	0.2	0.3	0.4	0.5	0.5	0.9	1.6	2.7	5.4
2000 4/.....	43.4	0.9	0.3	0.2	0.4	0.4	0.5	0.6	0.8	1.4	2.8	5.8
1999 4/.....	44.5	0.9	0.4	0.2	0.4	0.5	0.5	0.7	0.9	1.3	2.6	5.5
ALL RACES 3/, MALE												
2001	42.7	1.1	0.4	0.2	0.3	0.4	0.6	0.6	0.9	1.5	2.5	5.8
2000 4/.....	43.5	1.2	0.4	0.2	0.5	0.6	0.6	0.7	0.9	1.3	2.6	6.2
1999 4/.....	45.6	*	0.4	0.3	0.6	0.6	0.7	0.7	0.8	1.2	2.4	5.7
ALL RACES 3/, FEMALE												
2001	43.7	*	*	*	0.2	0.3	0.4	0.5	0.9	1.7	2.9	5.1
2000 4/.....	43.2	*	0.3	0.2	0.4	0.3	0.5	0.6	0.8	1.4	2.9	5.5
1999 4/.....	43.4	*	0.3	0.2	0.3	0.5	0.4	0.8	1.0	1.4	2.9	5.3
WHITE, BOTH SEXES												
2001	49.0	0.7	0.2	*	0.2	0.3	0.3	0.4	0.6	1.2	2.4	5.1
2000 4/.....	49.0	0.8	0.2	0.1	0.2	0.3	0.4	0.4	0.6	1.0	2.3	5.3
1999 4/.....	50.2	*	0.3	0.2	0.3	0.4	0.4	0.5	0.6	1.1	2.2	4.9
WHITE, MALE												
2001	47.6	*	*	*	*	*	0.3	0.4	0.5	1.2	2.2	5.6
2000 4/.....	48.3	*	*	*	0.3	0.3	0.5	0.5	0.6	0.9	2.2	5.7
1999 4/.....	50.6	*	*	*	0.4	0.4	0.4	0.4	0.5	1.0	2.0	5.0
WHITE, FEMALE												
2001	50.3	*	*	*	*	0.3	*	0.3	0.7	1.2	2.6	4.6
2000 4/.....	49.7	*	*	*	*	*	0.3	0.4	0.6	1.2	2.4	4.9
1999 4/.....	49.8	*	*	*	*	0.4	0.4	0.5	0.7	1.2	2.5	4.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Chronic lower respiratory diseases (J40-J47)												
BLACK, BOTH SEXES												
2001	20.4	*	0.9	0.7	0.9	1.0	1.6	1.8	3.0	4.5	5.1	9.1
2000 4/.....	20.8	*	0.8	0.7	1.4	1.4	1.3	1.9	2.4	3.5	6.1	11.0
1999 4/.....	21.9	*	*	0.6	1.5	1.2	1.5	2.5	2.7	3.2	6.1	11.2
BLACK, MALE												
2001	23.6	*	*	*	*	1.4	1.8	2.1	3.4	4.3	5.1	8.9
2000 4/.....	24.3	*	*	*	1.7	2.0	1.5	2.4	3.1	3.7	5.9	11.4
1999 4/.....	26.2	*	*	*	2.1	1.5	2.2	2.6	2.7	3.3	6.2	11.9
BLACK, FEMALE												
2001	17.5	*	*	*	*	*	1.4	1.5	2.6	4.7	5.1	9.2
2000 4/.....	17.6	*	*	*	*	*	*	1.4	1.7	3.3	6.2	10.6
1999 4/.....	18.0	*	*	*	*	*	*	2.4	2.8	3.1	6.1	10.7

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Asthma (J45-J46)												
ALL RACES 3/, BOTH SEXES												
2001	1.5	*	0.2	0.2	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.3
2000 4/.....	1.6	*	0.2	0.2	0.4	0.4	0.5	0.5	0.7	0.8	1.2	1.6
1999 4/.....	1.7	*	0.2	0.2	0.4	0.5	0.5	0.6	0.7	0.9	1.1	1.6
ALL RACES 3/, MALE												
2001	1.1	*	0.3	0.2	0.3	0.3	0.4	0.5	0.6	0.8	0.9	1.0
2000 4/.....	1.2	*	0.3	0.2	0.5	0.5	0.5	0.7	0.8	0.7	1.0	1.3
1999 4/.....	1.2	*	*	0.2	0.6	0.5	0.6	0.6	0.6	0.8	0.8	1.0
ALL RACES 3/, FEMALE												
2001	1.9	*	*	*	0.2	0.3	0.4	0.4	0.8	1.0	1.3	1.7
2000 4/.....	2.0	*	*	0.2	0.3	0.3	0.4	0.4	0.6	0.9	1.4	1.9
1999 4/.....	2.1	*	*	*	0.3	0.4	0.4	0.6	0.8	1.0	1.3	2.2
WHITE, BOTH SEXES												
2001	1.3	*	*	*	0.2	0.2	0.2	0.3	0.4	0.5	0.8	1.0
2000 4/.....	1.4	*	*	*	0.2	0.2	0.4	0.3	0.5	0.5	0.9	1.1
1999 4/.....	1.5	*	*	0.1	0.2	0.4	0.3	0.4	0.4	0.7	0.8	1.2
WHITE, MALE												
2001	0.8	*	*	*	*	*	0.2	0.3	0.3	0.5	0.6	0.7
2000 4/.....	0.9	*	*	*	0.2	0.3	0.4	0.4	0.5	0.4	0.7	1.0
1999 4/.....	0.9	*	*	*	0.3	0.4	0.4	0.4	0.4	0.6	0.5	0.7
WHITE, FEMALE												
2001	1.7	*	*	*	*	*	*	*	0.6	0.6	1.0	1.2
2000 4/.....	1.8	*	*	*	*	*	0.3	0.3	0.5	0.6	1.0	1.2
1999 4/.....	2.0	*	*	*	*	0.4	*	0.4	0.5	0.8	1.1	1.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Asthma (J45-J46)												
BLACK, BOTH SEXES												
2001	3.0	*	0.8	0.7	0.8	0.9	1.4	1.7	2.6	3.4	3.1	4.3
2000 4/.....	3.2	*	*	0.7	1.4	1.3	1.2	1.8	2.0	2.7	3.6	5.4
1999 4/.....	3.2	*	*	0.6	1.4	1.1	1.4	2.3	2.4	2.6	3.3	4.8
BLACK, MALE												
2001	2.6	*	*	*	*	*	1.5	1.9	3.0	3.0	2.9	3.8
2000 4/.....	2.8	*	*	*	1.7	1.7	*	2.3	2.6	2.7	3.1	4.0
1999 4/.....	2.8	*	*	*	2.0	1.3	2.0	2.6	2.6	2.6	2.9	3.6
BLACK, FEMALE												
2001	3.3	*	*	*	*	*	*	1.4	2.3	3.7	3.3	4.8
2000 4/.....	3.5	*	*	*	*	*	*	*	1.4	2.6	4.0	6.6
1999 4/.....	3.5	*	*	*	*	*	*	2.0	2.3	2.6	3.6	5.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other chronic lower respiratory diseases (J44,J47)												
ALL RACES 3/, BOTH SEXES												
2001	35.7	*	*	*	*	*	*	*	0.2	0.5	1.3	3.3
2000 4/.....	35.4	*	*	*	*	*	*	*	*	0.4	1.2	3.4
1999 4/.....	36.0	*	*	*	*	*	*	0.1	0.1	0.3	1.2	3.1
ALL RACES 3/, MALE												
2001	35.3	*	*	*	*	*	*	*	0.2	0.5	1.3	3.8
2000 4/.....	35.6	*	*	*	*	*	*	*	*	0.4	1.2	3.8
1999 4/.....	37.1	*	*	*	*	*	*	*	*	0.3	1.2	3.7
ALL RACES 3/, FEMALE												
2001	36.0	*	*	*	*	*	*	*	*	0.5	1.4	2.8
2000 4/.....	35.2	*	*	*	*	*	*	*	*	0.5	1.2	2.9
1999 4/.....	35.0	*	*	*	*	*	*	*	*	0.3	1.1	2.6
WHITE, BOTH SEXES												
2001	40.8	*	*	*	*	*	*	*	0.2	0.5	1.4	3.3
2000 4/.....	40.4	*	*	*	*	*	*	*	*	0.4	1.2	3.4
1999 4/.....	41.0	*	*	*	*	*	*	*	*	0.3	1.1	3.0
WHITE, MALE												
2001	39.7	*	*	*	*	*	*	*	*	0.5	1.3	3.9
2000 4/.....	39.9	*	*	*	*	*	*	*	*	0.4	1.2	3.8
1999 4/.....	41.5	*	*	*	*	*	*	*	*	0.3	1.1	3.5
WHITE, FEMALE												
2001	41.8	*	*	*	*	*	*	*	*	0.4	1.4	2.8
2000 4/.....	40.9	*	*	*	*	*	*	*	*	0.4	1.1	3.0
1999 4/.....	40.4	*	*	*	*	*	*	*	*	0.2	1.1	2.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible][illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)

ALL RACES 3/, BOTH SEXES

2001	9.2	7.3	0.6	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.5	2.6
2000 4/.....	9.1	7.2	0.6	0.2	0.2	0.3	0.4	0.5	0.8	1.0	1.7	2.6
1999 4/.....	9.0	6.6	0.6	0.2	0.2	0.3	0.3	0.5	0.8	1.0	1.6	2.7

ALL RACES 3/, MALE

2001	8.9	9.0	0.6	*	0.2	0.3	0.5	0.5	0.6	0.9	1.8	2.9
2000 4/.....	9.0	7.9	0.6	0.2	*	0.3	0.4	0.5	0.8	1.2	1.8	2.8
1999 4/.....	8.9	7.5	0.7	0.2	*	0.4	0.3	0.5	0.8	1.1	1.7	2.8

ALL RACES 3/, FEMALE

2001	9.4	5.5	0.6	*	0.2	0.3	0.4	0.6	0.6	1.0	1.3	2.3
2000 4/.....	9.2	6.4	0.6	*	0.2	0.3	0.3	0.5	0.7	0.9	1.6	2.4
1999 4/.....	9.1	5.8	0.5	*	0.2	0.2	0.3	0.5	0.8	0.9	1.4	2.6

WHITE, BOTH SEXES

2001	10.0	5.0	0.5	0.1	0.2	0.2	0.4	0.4	0.5	0.8	1.3	2.3
2000 4/.....	9.9	5.6	0.5	0.2	0.2	0.2	0.3	0.5	0.7	0.8	1.6	2.2
1999 4/.....	9.7	4.9	0.5	0.2	0.2	0.3	0.3	0.4	0.7	0.8	1.3	2.3

WHITE, MALE

2001	9.7	5.9	0.5	*	0.2	0.3	0.4	0.3	0.5	0.8	1.7	2.5
2000 4/.....	9.7	6.6	0.5	*	*	*	0.4	0.4	0.7	0.9	1.7	2.4
1999 4/.....	9.6	5.6	0.6	*	*	0.4	0.4	0.5	0.7	0.9	1.5	2.4

WHITE, FEMALE

2001	10.2	4.0	0.6	*	*	*	0.4	0.5	0.5	0.7	1.0	2.0
2000 4/.....	10.0	4.6	0.6	*	*	0.3	*	0.5	0.6	0.7	1.5	2.1
1999 4/.....	9.8	4.3	0.5	*	*	*	*	0.3	0.7	0.7	1.1	2.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)												
BLACK, BOTH SEXES												
2001	6.7	18.0	1.0	*	*	*	0.8	1.1	1.4	2.5	3.3	5.7
2000 4/.....	6.5	16.7	0.8	*	*	*	0.8	0.8	1.3	2.4	3.0	6.0
1999 4/.....	6.5	15.4	1.0	*	*	*	*	1.1	1.6	2.3	3.4	5.8
BLACK, MALE												
2001	6.4	23.1	*	*	*	*	*	*	1.5	2.0	3.2	6.2
2000 4/.....	6.5	16.3	*	*	*	*	*	*	*	3.0	3.3	7.2
1999 4/.....	6.4	17.6	*	*	*	*	*	*	1.7	2.5	3.3	6.6
BLACK, FEMALE												
2001	7.0	12.6	*	*	*	*	*	*	*	2.9	3.3	5.3
2000 4/.....	6.4	17.2	*	*	*	*	*	*	*	1.9	2.6	5.0
1999 4/.....	6.7	13.1	*	*	*	*	*	1.7	1.6	2.2	3.5	5.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Peptic ulcer (K25-K28)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Diseases of appendix (K35-K38)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Diseases of appendix (K35-K38)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR

Hernia (K40-K46)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Chronic liver disease and cirrhosis (K70,K73-K74)												
ALL RACES 3/, BOTH SEXES												
2001	9.5	*	*	*	*	*	0.1	0.4	1.5	5.0	9.8	17.1
2000 4/.....	9.4	*	*	*	*	*	0.2	0.5	1.6	4.8	10.2	16.8
1999 4/.....	9.4	*	*	*	*	*	*	0.4	1.6	4.8	9.9	16.4
ALL RACES 3/, MALE												
2001	12.4	*	*	*	*	*	*	0.6	2.0	6.4	13.2	25.2
2000 4/.....	12.5	*	*	*	*	*	*	0.6	2.1	6.3	14.4	25.4
1999 4/.....	12.5	*	*	*	*	*	*	0.4	2.1	6.3	14.5	25.3
ALL RACES 3/, FEMALE												
2001	6.7	*	*	*	*	*	*	0.3	1.0	3.5	6.4	9.3
2000 4/.....	6.5	*	*	*	*	*	*	0.3	1.1	3.2	6.1	8.4
1999 4/.....	6.4	*	*	*	*	*	*	0.3	1.2	3.4	5.4	7.8
WHITE, BOTH SEXES												
2001	10.1	*	*	*	*	*	*	0.3	1.5	5.1	9.8	17.2
2000 4/.....	10.0	*	*	*	*	*	*	0.4	1.5	4.7	10.1	16.9
1999 4/.....	9.9	*	*	*	*	*	*	0.3	1.6	4.8	9.7	15.8
WHITE, MALE												
2001	13.1	*	*	*	*	*	*	0.5	2.1	6.5	13.2	25.5
2000 4/.....	13.2	*	*	*	*	*	*	0.6	2.1	6.3	14.4	26.0
1999 4/.....	13.1	*	*	*	*	*	*	0.4	2.1	6.4	14.2	24.6
WHITE, FEMALE												
2001	7.1	*	*	*	*	*	*	*	1.0	3.7	6.3	8.9
2000 4/.....	6.8	*	*	*	*	*	*	*	1.0	3.1	5.9	7.8
1999 4/.....	6.8	*	*	*	*	*	*	*	1.1	3.3	5.1	7.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Chronic liver disease and cirrhosis (K70,K73-K74)												
BLACK, BOTH SEXES												
2001	7.5	*	*	*	*	*	*	*	1.0	4.0	10.6	19.2
2000 4/.....	7.5	*	*	*	*	*	*	0.8	1.3	4.9	10.9	19.2
1999 4/.....	7.8	*	*	*	*	*	*	*	1.4	4.4	11.9	22.5
BLACK, MALE												
2001	10.4	*	*	*	*	*	*	*	*	5.7	14.5	28.2
2000 4/.....	9.9	*	*	*	*	*	*	*	*	6.6	14.6	26.4
1999 4/.....	10.7	*	*	*	*	*	*	*	1.8	5.4	17.1	34.5
BLACK, FEMALE												
2001	4.8	*	*	*	*	*	*	*	*	2.6	7.1	11.3
2000 4/.....	5.2	*	*	*	*	*	*	*	1.4	3.3	7.7	13.0
1999 4/.....	5.2	*	*	*	*	*	*	*	*	3.5	7.3	12.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Alcoholic liver disease (K70)												
ALL RACES 3/, BOTH SEXES												
2001	4.3	*	*	*	*	*	*	0.2	1.1	3.3	6.1	10.2
2000 4/.....	4.3	*	*	*	*	*	*	0.3	1.1	3.3	6.6	10.0
1999 4/.....	4.3	*	*	*	*	*	*	0.2	1.1	3.3	6.4	10.0
ALL RACES 3/, MALE												
2001	6.4	*	*	*	*	*	*	0.3	1.4	4.4	8.4	15.3
2000 4/.....	6.5	*	*	*	*	*	*	0.5	1.5	4.3	9.4	15.3
1999 4/.....	6.5	*	*	*	*	*	*	0.2	1.4	4.3	9.4	15.5
ALL RACES 3/, FEMALE												
2001	2.3	*	*	*	*	*	*	*	0.7	2.3	3.9	5.3
2000 4/.....	2.2	*	*	*	*	*	*	*	0.6	2.2	3.9	4.8
1999 4/.....	2.1	*	*	*	*	*	*	*	0.8	2.4	3.5	4.6
WHITE, BOTH SEXES												
2001	4.5	*	*	*	*	*	*	0.2	1.1	3.4	6.2	10.5
2000 4/.....	4.5	*	*	*	*	*	*	0.3	1.1	3.2	6.6	10.0
1999 4/.....	4.4	*	*	*	*	*	*	0.2	1.0	3.3	6.2	9.8
WHITE, MALE												
2001	6.7	*	*	*	*	*	*	0.3	1.5	4.5	8.5	15.9
2000 4/.....	6.8	*	*	*	*	*	*	0.5	1.6	4.3	9.4	15.6
1999 4/.....	6.7	*	*	*	*	*	*	0.3	1.4	4.3	9.2	15.4
WHITE, FEMALE												
2001	2.3	*	*	*	*	*	*	*	0.7	2.3	3.9	5.2
2000 4/.....	2.1	*	*	*	*	*	*	*	0.5	2.2	3.8	4.4
1999 4/.....	2.1	*	*	*	*	*	*	*	0.7	2.3	3.3	4.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Alcoholic liver disease (K70)												
BLACK, BOTH SEXES												
2001	3.6	*	*	*	*	*	*	*	0.7	2.6	5.9	9.0
2000 4/.....	3.8	*	*	*	*	*	*	*	1.0	3.2	6.9	11.0
1999 4/.....	4.1	*	*	*	*	*	*	*	0.9	2.8	7.2	12.8
BLACK, MALE												
2001	5.3	*	*	*	*	*	*	*	*	3.7	8.2	12.9
2000 4/.....	5.3	*	*	*	*	*	*	*	*	4.4	9.6	15.0
1999 4/.....	5.9	*	*	*	*	*	*	*	*	3.5	10.1	19.2
BLACK, FEMALE												
2001	2.1	*	*	*	*	*	*	*	*	1.5	3.9	5.5
2000 4/.....	2.4	*	*	*	*	*	*	*	*	2.1	4.5	7.5
1999 4/.....	2.4	*	*	*	*	*	*	*	*	2.2	4.7	7.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other chronic liver disease and cirrhosis (K73-K74)												
ALL RACES 3/, BOTH SEXES												
2001	5.2	*	*	*	*	*	*	0.2	0.4	1.6	3.6	6.9
2000 4/.....	5.1	*	*	*	*	*	0.1	0.2	0.5	1.5	3.6	6.8
1999 4/.....	5.1	*	*	*	*	*	*	0.2	0.6	1.5	3.5	6.4
ALL RACES 3/, MALE												
2001	6.1	*	*	*	*	*	*	0.2	0.6	2.0	4.8	10.0
2000 4/.....	6.0	*	*	*	*	*	*	*	0.6	2.0	5.0	10.2
1999 4/.....	6.0	*	*	*	*	*	*	*	0.7	2.0	5.2	9.8
ALL RACES 3/, FEMALE												
2001	4.4	*	*	*	*	*	*	*	0.3	1.3	2.5	4.0
2000 4/.....	4.3	*	*	*	*	*	*	*	0.4	1.0	2.2	3.6
1999 4/.....	4.3	*	*	*	*	*	*	*	0.4	1.0	1.8	3.2
WHITE, BOTH SEXES												
2001	5.6	*	*	*	*	*	*	*	0.5	1.7	3.6	6.6
2000 4/.....	5.5	*	*	*	*	*	*	*	0.5	1.5	3.6	6.9
1999 4/.....	5.5	*	*	*	*	*	*	0.1	0.6	1.5	3.4	6.0
WHITE, MALE												
2001	6.4	*	*	*	*	*	*	*	0.6	2.0	4.7	9.6
2000 4/.....	6.4	*	*	*	*	*	*	*	0.5	2.1	5.0	10.3
1999 4/.....	6.4	*	*	*	*	*	*	*	0.7	2.0	5.1	9.2
WHITE, FEMALE												
2001	4.8	*	*	*	*	*	*	*	0.4	1.4	2.4	3.8
2000 4/.....	4.7	*	*	*	*	*	*	*	0.4	0.9	2.1	3.4
1999 4/.....	4.6	*	*	*	*	*	*	*	0.4	1.0	1.8	2.9

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

	BLACK, MALE												
2001	5.1	*	*	*	*	*	*	*	*	*	2.0	6.4	15.3
2000 4/.....	4.7	*	*	*	*	*	*	*	*	*	2.2	5.0	11.4
1999 4/.....	4.8	*	*	*	*	*	*	*	*	*	1.9	7.0	15.3

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible][illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)

ALL RACES 3/, BOTH SEXES

2001	13.9	3.3	*	*	*	0.1	0.4	0.4	0.7	1.3	2.1	3.6
2000 4/.....	13.2	4.3	*	*	*	0.2	0.3	0.4	0.8	1.2	2.1	3.4
1999 4/.....	12.7	4.4	*	*	*	0.1	0.3	0.5	0.8	1.2	2.0	3.1

ALL RACES 3/, MALE

2001	13.5	3.7	*	*	*	*	0.3	0.5	0.6	1.4	2.3	4.4
2000 4/.....	12.9	5.3	*	*	*	*	0.3	0.4	0.8	1.3	2.5	4.4
1999 4/.....	12.4	4.6	*	*	*	*	0.2	0.4	0.8	1.3	2.3	3.8

ALL RACES 3/, FEMALE

2001	14.2	2.9	*	*	*	*	0.4	0.4	0.7	1.3	1.9	2.9
2000 4/.....	13.6	3.2	*	*	*	*	0.3	0.4	0.8	1.1	1.6	2.5
1999 4/.....	13.0	4.1	*	*	*	*	0.3	0.6	0.7	1.0	1.7	2.4

WHITE, BOTH SEXES

2001	13.5	2.4	*	*	*	*	0.3	0.3	0.5	0.9	1.4	2.4
2000 4/.....	12.9	2.9	*	*	*	0.1	0.3	0.3	0.5	0.8	1.5	2.2
1999 4/.....	12.3	3.4	*	*	*	*	0.2	0.3	0.5	0.8	1.3	2.0

WHITE, MALE

2001	13.3	2.8	*	*	*	*	*	0.3	0.4	1.1	1.6	2.8
2000 4/.....	12.7	3.8	*	*	*	*	0.3	0.4	0.5	0.9	1.8	2.9
1999 4/.....	12.1	4.1	*	*	*	*	*	0.3	0.5	0.9	1.5	2.4

WHITE, FEMALE

2001	13.7	2.1	*	*	*	*	0.4	0.3	0.6	0.7	1.2	1.9
2000 4/.....	13.0	2.0	*	*	*	*	0.3	0.3	0.5	0.7	1.1	1.7
1999 4/.....	12.4	2.8	*	*	*	*	*	0.4	0.5	0.7	1.1	1.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)												
BLACK, BOTH SEXES												
2001	19.6	8.1	*	*	*	*	0.7	1.3	2.2	4.0	6.7	12.5
2000 4/.....	18.9	11.5	*	*	*	*	*	1.1	2.6	4.4	6.3	12.7
1999 4/.....	18.6	9.6	*	*	*	*	0.8	1.5	2.3	4.0	7.0	11.8
BLACK, MALE												
2001	18.0	8.7	*	*	*	*	*	1.7	2.6	3.4	7.0	16.5
2000 4/.....	17.7	13.4	*	*	*	*	*	*	2.8	5.1	7.9	17.4
1999 4/.....	17.5	8.1	*	*	*	*	*	*	2.3	4.8	8.2	15.5
BLACK, FEMALE												
2001	21.0	7.6	*	*	*	*	*	*	1.8	4.5	6.4	9.1
2000 4/.....	20.0	9.6	*	*	*	*	*	*	2.3	3.8	4.8	8.6
1999 4/.....	19.5	11.1	*	*	*	*	*	1.6	2.3	3.3	5.9	8.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	UNDER 1 AGES 1/ YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

[illegible][illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	UNDER 1 AGES 1/ YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

[illegible]

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Renal failure (N17-N19)												
ALL RACES 3/, BOTH SEXES												
2001	13.6	3.1	*	*	*	*	0.3	0.4	0.6	1.2	2.0	3.5
2000 4/.....	13.0	4.0	*	*	*	0.1	0.3	0.4	0.7	1.2	2.0	3.3
1999 4/.....	12.4	4.3	*	*	*	0.1	0.2	0.4	0.7	1.1	1.9	3.0
ALL RACES 3/, MALE												
2001	13.2	3.5	*	*	*	*	0.3	0.4	0.6	1.3	2.2	4.2
2000 4/.....	12.6	5.1	*	*	*	*	0.2	0.4	0.7	1.3	2.4	4.2
1999 4/.....	12.1	4.5	*	*	*	*	*	0.3	0.7	1.3	2.2	3.6
ALL RACES 3/, FEMALE												
2001	14.0	2.7	*	*	*	*	0.4	0.4	0.7	1.2	1.8	2.8
2000 4/.....	13.3	2.8	*	*	*	*	0.3	0.3	0.7	1.0	1.6	2.4
1999 4/.....	12.7	4.1	*	*	*	*	0.3	0.5	0.7	0.9	1.6	2.3
WHITE, BOTH SEXES												
2001	13.2	2.2	*	*	*	*	0.3	0.3	0.4	0.8	1.4	2.3
2000 4/.....	12.6	2.7	*	*	*	*	0.2	0.3	0.5	0.7	1.4	2.1
1999 4/.....	12.0	3.3	*	*	*	*	0.2	0.3	0.5	0.7	1.2	1.8
WHITE, MALE												
2001	13.0	2.6	*	*	*	*	*	0.3	0.4	1.0	1.6	2.7
2000 4/.....	12.4	3.6	*	*	*	*	0.3	0.3	0.5	0.8	1.7	2.7
1999 4/.....	11.8	3.9	*	*	*	*	*	*	0.5	0.8	1.4	2.2
WHITE, FEMALE												
2001	13.4	1.8	*	*	*	*	0.3	0.3	0.5	0.7	1.1	1.9
2000 4/.....	12.8	1.7	*	*	*	*	*	*	0.5	0.7	1.1	1.6
1999 4/.....	12.2	2.8	*	*	*	*	*	0.3	0.5	0.6	1.1	1.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Renal failure (N17-N19)												
BLACK, BOTH SEXES												
2001	19.3	8.1	*	*	*	*	0.7	1.2	2.1	3.9	6.5	12.3
2000 4/.....	18.5	11.1	*	*	*	*	*	1.0	2.5	4.1	6.1	12.3
1999 4/.....	18.2	9.6	*	*	*	*	*	1.4	2.2	3.8	6.7	11.7
BLACK, MALE												
2001	17.7	8.7	*	*	*	*	*	1.6	2.6	3.3	6.8	16.1
2000 4/.....	17.3	13.4	*	*	*	*	*	*	2.7	4.9	7.7	17.1
1999 4/.....	17.1	8.1	*	*	*	*	*	*	2.2	4.5	8.0	15.3
BLACK, FEMALE												
2001	20.7	7.6	*	*	*	*	*	*	1.7	4.4	6.4	9.0
2000 4/.....	19.6	8.6	*	*	*	*	*	*	2.3	3.4	4.7	8.2
1999 4/.....	19.1	11.1	*	*	*	*	*	1.6	2.2	3.1	5.6	8.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALE

ALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Hyperplasia of prostate (N40)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, FEMALE

BLACK, BOTH SEXES

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Pregnancy, childbirth and the puerperium (000-099)

ALL RACES 3/, BOTH SEXES

2001	0.1	*	0.2	0.4	0.5	0.5	0.3	0.1	*
2000 4/.....	0.1	...	...	...	*	*	0.4	0.4	0.5	0.4	0.2	*
1999 4/.....	0.1	...	...	...	*	0.2	0.3	0.5	0.4	0.4	0.1	*

ALL RACES 3/, FEMALE

2001	0.3	...	...	...	*	0.4	0.8	1.0	0.9	0.7	0.3	*
2000 4/.....	0.3	...	...	...	*	*	0.8	0.9	0.9	0.8	0.3	*
1999 4/.....	0.3	...	...	...	*	0.3	0.7	0.9	0.9	0.8	0.3	*

WHITE, BOTH SEXES

2001	0.1	...	...	...	*	0.1	0.3	0.3	0.4	0.2	*	*
2000 4/.....	0.1	...	...	...	*	*	0.3	0.3	0.3	0.3	0.1	*
1999 4/.....	0.1	...	...	...	*	*	0.2	0.3	0.3	0.3	*	*

WHITE, FEMALE

2001	0.2	...	...	...	*	0.3	0.6	0.7	0.8	0.4	*	*
2000 4/.....	0.2	...	...	...	*	*	0.6	0.7	0.7	0.6	0.2	*
1999 4/.....	0.2	...	...	...	*	*	0.4	0.6	0.6	0.6	*	*

BLACK, BOTH SEXES

2001	0.4	...	...	...	*	*	1.1	1.4	1.1	1.0	*	*
2000 4/.....	0.4	...	...	...	*	*	1.1	1.1	1.2	0.9	*	*
1999 4/.....	0.4	...	...	...	*	*	1.1	1.4	1.2	0.9	*	*

BLACK, FEMALE

2001	0.8	...	...	...	*	*	2.1	2.6	2.1	1.9	*	*
2000 4/.....	0.7	...	...	...	*	*	2.2	2.2	2.3	1.7	*	*
1999 4/.....	0.9	...	...	...	*	*	2.1	2.7	2.3	1.8	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR

2001 .....	*	...	...	...	*	*	*	*	*	*	*	*
2000 4/.....	*	...	...	...	*	*	*	*	*	*	*	*
1999 4/.....	*	...	...	...	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other complications of pregnancy, childbirth and the puerperium (010-099)

ALL RACES 3/, BOTH SEXES

2001	0.1	...	...	...	*	0.2	0.3	0.5	0.4	0.3	0.1	*
2000 4/.....	0.1	...	...	...	*	*	0.4	0.4	0.4	0.3	0.1	*
1999 4/.....	0.1	...	...	...	*	0.1	0.3	0.4	0.4	0.4	0.1	*

ALL RACES 3/, FEMALE

2001	0.3	...	...	...	*	0.3	0.7	0.9	0.9	0.6	0.3	*
2000 4/.....	0.3	...	...	...	*	*	0.8	0.8	0.9	0.7	0.3	*
1999 4/.....	0.3	...	...	...	*	0.3	0.6	0.9	0.8	0.7	0.3	*

WHITE, BOTH SEXES

2001	0.1	...	...	...	*	*	0.2	0.3	0.4	0.2	*	*
2000 4/.....	0.1	...	...	...	*	*	0.3	0.3	0.3	0.3	*	*
1999 4/.....	0.1	...	...	...	*	*	0.2	0.3	0.3	0.3	*	*

WHITE, FEMALE

2001	0.2	...	...	...	*	*	0.5	0.6	0.7	0.3	*	*
2000 4/.....	0.2	...	...	...	*	*	0.6	0.6	0.7	0.5	*	*
1999 4/.....	0.2	...	...	...	*	*	0.4	0.6	0.6	0.6	*	*

BLACK, BOTH SEXES

2001	0.4	...	...	...	*	*	1.0	1.3	1.0	0.9	*	*
2000 4/.....	0.3	...	...	...	*	*	1.0	1.0	1.1	0.7	*	*
1999 4/.....	0.4	...	...	...	*	*	1.0	1.3	1.0	0.8	*	*

BLACK, FEMALE

2001	0.7	...	...	...	*	*	1.9	2.5	1.8	1.7	*	*
2000 4/.....	0.6	...	...	...	*	*	1.9	1.8	2.1	1.4	*	*
1999 4/.....	0.8	...	...	...	*	*	1.9	2.4	2.0	1.6	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)

ALL RACES 3/, BOTH SEXES

2001	3.7	136.7	3.6	0.9	0.9	1.3	1.3	1.2	1.1	1.2	1.4	1.5
2000 4/.....	3.8	150.9	3.2	1.0	1.0	1.1	1.1	1.1	1.3	1.2	1.3	1.4
1999 4/.....	3.7	144.2	3.6	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.7

ALL RACES 3/, MALE

2001	3.9	143.1	3.6	1.0	1.0	1.5	1.4	1.3	1.2	1.2	1.6	1.5
2000 4/.....	4.0	155.4	3.3	1.0	1.0	1.3	1.4	1.2	1.5	1.4	1.5	1.6
1999 4/.....	3.9	147.9	4.0	1.0	1.1	1.3	1.3	1.1	1.3	1.3	1.3	1.9

ALL RACES 3/, FEMALE

2001	3.4	129.9	3.7	0.8	0.8	1.0	1.1	1.1	1.0	1.1	1.3	1.4
2000 4/.....	3.5	146.2	3.1	0.9	1.0	0.9	0.9	0.9	1.1	1.1	1.1	1.3
1999 4/.....	3.5	140.3	3.2	1.0	1.1	0.9	1.0	1.1	1.2	1.1	1.2	1.6

WHITE, BOTH SEXES

2001	3.6	135.0	3.2	0.9	0.9	1.2	1.2	1.2	1.2	1.1	1.5	1.4
2000 4/.....	3.6	147.1	2.9	0.9	0.9	1.0	1.2	1.1	1.4	1.2	1.3	1.5
1999 4/.....	3.6	141.3	3.2	0.9	1.0	1.1	1.1	1.1	1.3	1.2	1.3	1.8

WHITE, MALE

2001	3.8	143.0	3.2	1.0	1.1	1.4	1.3	1.4	1.3	1.2	1.6	1.5
2000 4/.....	3.9	151.9	2.9	0.9	0.9	1.1	1.4	1.2	1.6	1.4	1.4	1.6
1999 4/.....	3.8	146.5	3.5	0.8	1.0	1.3	1.3	1.2	1.3	1.4	1.3	1.9

WHITE, FEMALE

2001	3.4	126.7	3.3	0.8	0.7	0.9	1.1	1.0	1.1	1.0	1.3	1.4
2000 4/.....	3.5	142.0	2.9	1.0	0.9	0.9	0.9	0.9	1.1	1.0	1.1	1.3
1999 4/.....	3.5	135.7	2.9	1.0	1.0	0.8	0.9	1.1	1.2	1.1	1.2	1.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)

BLACK, BOTH SEXES

2001	4.6	158.4	5.3	1.0	1.2	1.9	1.8	1.4	1.2	1.5	1.6	1.8
2000 4/.....	4.9	179.2	5.0	1.3	1.4	1.8	1.3	1.4	1.4	1.6	1.6	1.7
1999 4/.....	4.8	169.3	5.5	1.4	1.7	1.4	1.5	1.0	1.2	1.4	1.3	1.9

BLACK, MALE

2001	5.0	160.8	5.5	*	*	2.6	2.2	*	*	*	2.1	*
2000 4/.....	5.4	181.4	5.5	1.6	1.4	2.5	*	1.9	1.7	1.8	2.0	2.0
1999 4/.....	5.2	172.7	6.2	1.4	1.8	1.7	1.8	*	*	*	1.8	2.5

BLACK, FEMALE

2001	4.3	155.9	5.1	*	1.4	1.3	1.5	1.7	*	1.7	*	2.0
2000 4/.....	4.4	176.9	4.6	*	1.5	*	*	*	*	1.5	*	*
1999 4/.....	4.3	165.8	4.8	1.5	1.7	*	*	*	*	1.5	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

ALL RACES 3/, BOTH SEXES

2001	11.4	86.5	1.8	0.4	0.5	1.8	3.0	3.5	4.2	6.2	7.7	9.1
2000 4/.....	11.3	95.6	1.6	0.4	0.4	1.6	2.9	3.4	4.3	5.7	7.6	8.6
1999 4/.....	9.6	93.2	1.5	0.3	0.4	1.1	2.0	2.3	3.1	4.1	5.1	5.9

ALL RACES 3/, MALE

2001	11.3	98.9	2.1	0.4	0.5	2.4	4.0	4.8	5.6	8.0	9.9	11.9
2000 4/.....	11.5	110.6	1.7	0.5	0.5	1.9	4.0	4.7	5.9	7.6	10.2	11.7
1999 4/.....	9.4	106.6	1.7	0.3	0.4	1.5	2.8	2.9	4.2	5.3	6.7	8.2

ALL RACES 3/, FEMALE

2001	11.4	73.6	1.5	0.4	0.5	1.1	1.9	2.2	2.8	4.4	5.5	6.3
2000 4/.....	11.2	79.9	1.5	0.4	0.4	1.2	1.8	2.2	2.8	3.7	5.0	5.6
1999 4/.....	9.7	79.2	1.3	0.3	0.3	0.8	1.2	1.6	2.1	3.0	3.4	3.7

WHITE, BOTH SEXES

2001	11.6	70.9	1.5	0.3	0.4	1.8	3.0	3.5	4.1	6.0	7.6	8.8
2000 4/.....	11.4	77.2	1.5	0.4	0.4	1.5	2.8	3.2	4.2	5.6	7.4	8.2
1999 4/.....	9.4	74.7	1.3	0.3	0.3	1.0	1.8	2.0	2.9	3.7	4.4	5.2

WHITE, MALE

2001	11.2	82.0	1.7	0.3	0.5	2.4	4.0	4.9	5.5	7.7	10.0	11.6
2000 4/.....	11.3	89.4	1.7	0.4	0.4	1.9	3.9	4.4	5.7	7.7	10.1	11.2
1999 4/.....	9.0	86.4	1.6	0.3	0.3	1.3	2.6	2.7	3.8	4.9	5.9	7.0

WHITE, FEMALE

2001	11.9	59.3	1.4	0.4	0.4	1.2	1.9	1.9	2.7	4.3	5.3	6.0
2000 4/.....	11.5	64.3	1.3	0.3	0.4	1.1	1.6	1.9	2.6	3.5	4.6	5.2
1999 4/.....	9.9	62.4	1.1	0.3	*	0.7	1.0	1.3	2.1	2.5	2.9	3.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

BLACK, BOTH SEXES

2001	12.6	169.5	2.8	0.6	0.6	1.8	3.8	4.6	5.3	8.2	9.8	13.2
2000 4/.....	13.7	197.1	2.3	0.6	0.8	2.2	4.3	5.3	6.3	7.3	11.2	13.8
1999 4/.....	12.7	192.8	2.7	*	*	1.7	3.7	4.3	5.4	7.8	10.3	13.1

BLACK, MALE

2001	13.9	187.4	3.5	*	*	2.4	5.2	5.5	6.5	10.5	11.7	17.3
2000 4/.....	15.5	227.1	2.3	*	*	2.0	5.6	7.1	8.2	8.3	13.5	18.2
1999 4/.....	14.6	217.6	2.8	*	*	2.4	4.7	5.2	8.3	9.4	13.6	19.7

BLACK, FEMALE

2001	11.4	150.6	2.0	*	*	*	2.4	3.9	4.2	6.2	8.1	9.7
2000 4/.....	12.0	166.0	2.3	*	*	2.3	3.0	3.6	4.6	6.3	9.1	9.9
1999 4/.....	10.9	167.1	2.7	*	*	*	2.6	3.4	2.8	6.4	7.3	7.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)												
ALL RACES 3/, BOTH SEXES												
2001	65.5	28.0	4.2	1.9	2.3	3.8	5.2	6.5	8.9	14.1	21.7	32.1
2000 4/.....	63.4	29.0	4.0	1.8	2.5	3.6	5.4	6.5	9.0	13.9	22.1	31.0
1999 4/.....	61.5	30.2	4.2	2.1	2.4	3.9	5.3	6.3	8.9	14.0	21.6	29.9
ALL RACES 3/, MALE												
2001	53.8	31.4	4.6	1.8	2.5	4.4	6.0	7.3	9.9	16.8	25.7	38.8
2000 4/.....	52.3	32.3	4.3	1.9	2.6	4.2	6.5	7.5	10.4	16.5	26.3	38.5
1999 4/.....	51.0	35.0	4.5	2.2	2.5	4.7	5.9	7.3	10.4	16.8	26.6	36.3
ALL RACES 3/, FEMALE												
2001	76.7	24.5	3.8	2.1	2.0	3.1	4.4	5.6	8.0	11.5	17.7	25.6
2000 4/.....	74.0	25.6	3.6	1.8	2.3	3.1	4.4	5.4	7.5	11.3	17.9	23.7
1999 4/.....	71.6	25.3	3.9	2.1	2.3	3.1	4.7	5.3	7.4	11.3	16.6	23.7
WHITE, BOTH SEXES												
2001	69.4	23.7	3.9	2.0	2.2	3.6	4.9	5.8	7.9	12.6	19.3	28.7
2000 4/.....	67.0	24.9	3.5	1.7	2.3	3.5	5.1	5.7	8.0	12.3	19.8	27.4
1999 4/.....	65.0	25.2	4.0	2.0	2.3	3.8	4.8	5.9	8.1	12.1	19.1	26.3
WHITE, MALE												
2001	55.8	25.9	4.4	1.9	2.4	4.4	5.8	6.6	8.9	15.5	23.4	35.3
2000 4/.....	54.1	26.8	3.9	1.9	2.6	4.1	6.2	7.0	9.6	15.0	24.0	35.0
1999 4/.....	52.7	29.2	4.3	2.0	2.2	4.8	5.5	7.0	9.8	15.1	24.3	32.5
WHITE, FEMALE												
2001	82.7	21.4	3.4	2.0	2.0	2.8	3.9	4.8	6.8	9.7	15.3	22.3
2000 4/.....	79.6	22.9	3.2	1.6	2.0	2.8	3.9	4.4	6.4	9.5	15.5	19.8
1999 4/.....	77.0	20.9	3.7	1.9	2.3	2.8	4.1	4.7	6.3	9.1	13.8	20.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)

BLACK, BOTH SEXES

2001	59.1	51.3	5.4	2.0	2.9	5.3	7.7	11.5	16.6	26.6	41.2	63.0
2000 4/.....	58.1	49.6	5.9	2.3	3.3	4.8	8.3	12.8	17.1	26.9	41.9	64.3
1999 4/.....	56.2	56.7	5.3	2.9	3.1	4.7	8.9	10.4	15.4	28.7	42.5	61.8

BLACK, MALE

2001	54.6	58.4	5.1	1.5	3.3	5.6	7.7	12.3	17.5	29.7	47.0	74.8
2000 4/.....	54.3	59.8	6.1	2.0	3.1	5.1	9.1	12.9	18.3	29.9	48.0	74.7
1999 4/.....	52.8	64.7	5.4	3.2	3.8	4.8	9.7	10.5	16.2	31.5	47.6	73.3

BLACK, FEMALE

2001	63.1	43.8	5.6	2.5	2.5	5.1	7.6	10.8	15.7	24.0	36.2	52.9
2000 4/.....	61.6	39.0	5.7	2.6	3.5	4.6	7.6	12.6	16.1	24.2	36.5	55.2
1999 4/.....	59.3	48.3	5.1	2.6	2.4	4.5	8.1	10.3	14.6	26.1	37.9	52.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidents (unintentional injuries) (V01-X59,Y85-Y86)												
ALL RACES 3/, BOTH SEXES												
2001	35.7	24.2	11.2	6.4	7.4	32.8	39.5	31.4	28.5	34.1	36.7	36.0
2000 4/.....	34.8	23.1	11.9	6.8	7.7	33.4	38.8	30.4	28.6	32.9	35.4	34.2
1999 4/.....	35.1	22.3	12.4	7.1	8.1	33.3	37.5	30.0	29.2	32.2	35.4	34.1
ALL RACES 3/, MALE												
2001	47.2	26.2	13.3	7.6	9.5	45.3	60.7	48.0	43.1	49.5	54.1	54.0
2000 4/.....	46.2	25.7	14.0	7.8	9.9	45.8	58.9	47.0	43.1	48.9	53.1	51.6
1999 4/.....	46.4	25.4	14.4	8.5	10.4	44.8	57.1	46.1	43.9	47.4	53.1	51.7
ALL RACES 3/, FEMALE												
2001	24.5	22.1	8.9	5.0	5.3	19.5	17.2	14.3	13.8	18.7	19.6	18.5
2000 4/.....	23.8	20.5	9.7	5.7	5.5	20.3	17.8	13.5	13.9	17.0	18.0	17.3
1999 4/.....	24.1	19.0	10.3	5.6	5.6	21.1	17.1	13.7	14.3	17.0	18.1	17.0
WHITE, BOTH SEXES												
2001	37.0	20.6	11.0	5.8	7.1	34.9	41.7	32.7	29.3	34.8	36.8	34.9
2000 4/.....	35.9	19.1	11.1	6.2	7.6	36.0	40.7	30.9	29.1	33.4	35.2	33.2
1999 4/.....	36.0	18.9	11.5	6.3	7.9	35.6	38.9	30.8	29.3	32.4	35.2	32.8
WHITE, MALE												
2001	48.4	22.1	13.3	6.7	9.0	47.8	64.2	49.6	44.0	50.3	54.2	51.8
2000 4/.....	47.0	21.7	13.2	7.2	9.6	48.8	61.7	47.2	43.7	49.5	52.5	49.8
1999 4/.....	46.9	21.8	13.2	7.4	10.1	47.2	58.9	47.1	43.8	47.5	52.5	49.1
WHITE, FEMALE												
2001	25.9	18.9	8.5	4.8	5.1	21.1	17.8	14.8	14.0	19.0	19.3	18.1
2000 4/.....	25.1	16.4	9.0	5.3	5.5	22.3	18.3	13.8	13.8	17.0	17.8	16.8
1999 4/.....	25.3	15.8	9.6	5.1	5.6	23.3	17.6	13.8	14.3	17.0	17.9	16.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidents (unintentional injuries) (V01-X59,Y85-Y86)												
BLACK, BOTH SEXES												
2001	33.5	43.1	13.6	9.4	9.4	24.7	33.0	30.5	30.0	35.8	44.3	50.1
2000 4/.....	33.5	44.5	16.2	9.7	8.8	23.7	34.3	33.1	31.9	35.9	43.8	47.0
1999 4/.....	35.2	41.6	17.7	11.3	9.6	25.0	34.6	31.5	32.9	36.6	43.6	50.4
BLACK, MALE												
2001	48.2	48.5	15.4	12.6	12.9	36.1	51.0	48.3	46.6	53.3	66.6	81.7
2000 4/.....	49.0	47.7	18.8	11.9	12.1	34.5	52.9	54.1	49.6	55.7	68.8	74.5
1999 4/.....	51.0	45.9	21.0	14.5	13.0	36.6	54.7	51.0	51.7	55.4	69.0	82.7
BLACK, FEMALE												
2001	20.1	37.5	11.9	6.2	5.8	12.9	15.6	14.2	15.1	20.2	24.5	22.7
2000 4/.....	19.5	41.3	13.5	7.6	5.4	12.7	16.7	14.1	15.9	18.3	21.7	23.1
1999 4/.....	20.8	37.3	14.3	8.0	6.1	13.1	15.6	13.8	16.0	19.9	21.3	22.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Transport accidents (V01-V99,Y85)												
ALL RACES 3/, BOTH SEXES												
2001	16.6	3.7	4.4	3.8	5.0	26.6	29.2	20.9	16.9	17.4	17.3	16.3
2000 4/.....	16.6	4.6	4.5	4.1	5.3	27.1	29.3	20.4	16.8	17.1	16.8	16.2
1999 4/.....	16.6	5.0	4.6	4.4	5.3	27.1	28.2	20.0	17.0	16.9	16.6	15.9
ALL RACES 3/, MALE												
2001	23.5	3.3	5.0	4.3	6.2	35.4	43.9	31.4	25.4	24.7	25.4	24.0
2000 4/.....	23.3	4.8	5.0	4.4	6.4	35.5	43.3	30.8	24.7	24.8	24.8	23.6
1999 4/.....	23.1	5.2	5.1	5.0	6.5	34.8	41.8	29.9	24.7	24.0	24.0	23.1
ALL RACES 3/, FEMALE												
2001	10.0	4.2	3.8	3.3	3.8	17.3	13.8	10.1	8.3	10.2	9.4	8.8
2000 4/.....	10.2	4.3	4.0	3.8	4.1	18.1	14.6	9.8	8.7	9.5	9.0	8.9
1999 4/.....	10.4	4.8	4.2	3.6	4.1	19.0	14.0	10.0	9.3	9.8	9.4	8.9
WHITE, BOTH SEXES												
2001	17.0	3.7	4.3	3.6	5.0	28.6	30.4	21.6	17.1	17.6	17.5	15.9
2000 4/.....	17.0	4.1	4.3	4.1	5.4	29.6	30.5	20.3	16.8	17.3	16.8	16.0
1999 4/.....	17.0	4.6	4.1	4.1	5.5	29.4	29.2	20.4	17.2	16.8	16.7	15.6
WHITE, MALE												
2001	23.9	3.2	4.9	4.0	6.2	37.8	45.8	32.3	25.4	24.7	25.4	23.2
2000 4/.....	23.6	4.5	4.7	4.4	6.5	38.4	45.0	30.3	24.6	24.8	24.6	23.4
1999 4/.....	23.4	5.2	4.4	4.7	6.7	37.3	43.1	30.2	24.6	23.7	24.0	22.5
WHITE, FEMALE												
2001	10.3	4.1	3.6	3.1	3.8	18.9	14.0	10.4	8.4	10.4	9.5	8.7
2000 4/.....	10.5	3.7	3.8	3.7	4.3	20.2	15.1	9.9	8.7	9.8	9.0	8.7
1999 4/.....	10.7	3.9	3.8	3.5	4.3	21.0	14.4	10.1	9.6	9.8	9.4	8.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR												
	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Transport accidents (V01-V99,Y85)												
BLACK, BOTH SEXES												
2001	15.9	*	5.2	5.3	5.3	18.8	25.8	21.0	18.9	18.1	19.4	20.5
2000 4/.....	16.0	6.5	5.6	4.5	4.8	17.3	26.6	23.5	19.4	17.9	19.3	19.4
1999 4/.....	16.3	7.3	7.1	5.8	5.0	18.7	25.8	21.3	18.5	19.9	18.0	19.6
BLACK, MALE												
2001	23.8	*	5.7	6.6	7.3	26.5	39.1	33.2	30.0	27.2	30.6	33.8
2000 4/.....	24.1	6.7	6.2	4.9	6.5	24.2	40.3	38.2	30.7	28.6	31.0	29.3
1999 4/.....	24.2	*	8.0	7.2	6.4	25.8	39.2	34.3	29.4	29.7	28.3	31.2
BLACK, FEMALE												
2001	8.7	*	4.7	4.0	3.4	10.8	13.0	9.9	8.9	10.0	9.4	8.9
2000 4/.....	8.5	*	5.0	4.1	3.0	10.3	13.7	10.2	9.2	8.4	9.0	10.8
1999 4/.....	9.2	8.7	6.2	4.4	3.6	11.4	13.1	9.5	8.6	11.2	9.0	9.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)												
ALL RACES 3/, BOTH SEXES												
2001	15.4	3.6	4.1	3.6	4.6	25.7	28.0	19.6	15.6	15.9	15.5	14.5
2000 4/.....	15.4	4.4	4.2	3.8	4.8	26.0	28.0	19.2	15.5	15.6	15.1	14.6
1999 4/.....	15.2	4.8	4.2	3.9	4.8	25.9	26.5	18.4	15.4	15.1	14.8	14.0
ALL RACES 3/, MALE												
2001	21.5	3.2	4.5	4.0	5.7	34.0	42.1	29.5	23.1	22.3	22.5	21.2
2000 4/.....	21.3	4.6	4.7	4.1	5.8	33.9	41.2	28.6	22.6	22.1	21.9	21.1
1999 4/.....	20.9	5.0	4.7	4.4	5.7	33.1	39.1	27.2	22.2	21.2	21.0	20.0
ALL RACES 3/, FEMALE												
2001	9.5	4.0	3.6	3.0	3.5	16.9	13.4	9.5	8.0	9.6	8.7	8.0
2000 4/.....	9.7	4.2	3.8	3.5	3.8	17.5	14.2	9.5	8.2	9.1	8.4	8.3
1999 4/.....	9.7	4.7	3.8	3.3	3.8	18.3	13.4	9.4	8.5	9.0	8.6	8.1
WHITE, BOTH SEXES												
2001	15.7	3.5	3.9	3.3	4.6	27.6	29.1	20.2	15.7	16.1	15.6	14.2
2000 4/.....	15.7	3.9	4.0	3.7	5.0	28.4	29.1	19.0	15.4	15.8	15.0	14.5
1999 4/.....	15.5	4.5	3.8	3.7	5.0	28.1	27.4	18.6	15.5	14.9	14.8	13.7
WHITE, MALE												
2001	21.9	3.1	4.4	3.7	5.6	36.2	43.8	30.1	23.1	22.3	22.5	20.5
2000 4/.....	21.6	4.2	4.5	4.0	5.9	36.8	42.6	27.9	22.4	22.1	21.6	20.9
1999 4/.....	21.1	5.0	4.1	4.2	5.9	35.5	40.4	27.4	22.1	20.8	20.9	19.4
WHITE, FEMALE												
2001	9.8	3.8	3.4	2.9	3.5	18.5	13.5	9.7	8.0	9.8	8.8	8.0
2000 4/.....	10.0	3.5	3.6	3.4	4.0	19.5	14.6	9.6	8.2	9.3	8.4	8.1
1999 4/.....	10.0	3.9	3.5	3.2	4.0	20.2	13.7	9.5	8.7	8.9	8.6	8.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)

BLACK, BOTH SEXES

2001	14.8	*	5.0	4.9	4.8	18.1	25.2	20.1	17.7	16.7	17.6	18.1
2000 4/.....	15.0	6.5	5.4	4.3	4.6	16.5	25.8	22.8	18.0	16.4	17.9	17.6
1999 4/.....	15.1	7.1	6.4	5.3	4.6	17.8	24.8	20.1	17.0	18.2	16.6	17.8

BLACK, MALE

2001	22.0	*	5.3	6.2	6.5	25.5	38.0	31.9	28.1	24.9	27.5	29.9
2000 4/.....	22.5	6.7	5.8	4.5	6.2	22.8	38.8	36.7	28.5	26.0	28.4	26.3
1999 4/.....	22.2	*	7.0	6.3	5.7	24.5	37.7	32.4	27.0	27.0	25.6	28.2

BLACK, FEMALE

2001	8.2	*	4.6	3.6	3.1	10.5	12.9	9.5	8.4	9.5	8.9	8.0
2000 4/.....	8.2	*	4.9	4.0	2.9	10.1	13.5	10.2	8.6	7.9	8.6	10.0
1999 4/.....	8.7	8.7	5.8	4.2	3.5	11.0	12.6	9.0	8.1	10.5	8.7	8.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other land transport accidents (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)												
ALL RACES 3/, BOTH SEXES												
2001	0.5	*	0.2	0.1	0.3	0.5	0.5	0.4	0.4	0.6	0.6	0.7
2000 4/.....	0.5	*	0.2	0.2	0.3	0.6	0.6	0.5	0.6	0.7	0.7	0.6
1999 4/.....	0.8	*	0.3	0.3	0.3	0.9	1.0	0.8	0.8	0.9	0.9	0.9
ALL RACES 3/, MALE												
2001	0.8	*	0.3	*	0.3	0.7	0.9	0.7	0.8	1.1	1.0	1.0
2000 4/.....	0.8	*	*	0.2	0.4	1.0	1.0	0.8	0.9	1.1	1.2	0.9
1999 4/.....	1.1	*	0.3	0.4	0.5	1.2	1.7	1.3	1.1	1.4	1.5	1.4
ALL RACES 3/, FEMALE												
2001	0.2	*	*	*	*	0.2	*	*	*	0.2	0.2	0.4
2000 4/.....	0.3	*	*	*	*	0.3	0.2	*	0.3	0.2	0.3	0.3
1999 4/.....	0.4	*	0.3	*	*	0.5	0.3	0.3	0.5	0.4	0.4	0.4
WHITE, BOTH SEXES												
2001	0.5	*	0.2	*	0.2	0.5	0.6	0.5	0.4	0.5	0.6	0.6
2000 4/.....	0.5	*	0.2	0.2	0.3	0.7	0.6	0.5	0.6	0.6	0.7	0.6
1999 4/.....	0.8	*	0.3	0.3	0.3	0.9	1.0	0.8	0.8	0.9	0.9	0.9
WHITE, MALE												
2001	0.7	*	*	*	0.3	0.7	0.9	0.8	0.7	0.9	0.9	0.9
2000 4/.....	0.8	*	*	*	0.4	1.0	1.0	0.9	0.9	1.1	1.2	0.8
1999 4/.....	1.1	*	*	0.4	0.5	1.2	1.7	1.3	1.1	1.4	1.5	1.3
WHITE, FEMALE												
2001	0.2	*	*	*	*	*	*	*	*	*	0.2	0.3
2000 4/.....	0.3	*	*	*	*	0.3	*	*	0.3	0.2	0.3	0.3
1999 4/.....	0.4	*	*	*	*	0.6	0.4	0.3	0.5	0.4	0.4	0.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES												
2001	0.6	*	*	*	*	*	*	*	1.0	1.1	1.2	
2000 4/.....	0.6	*	*	*	*	*	*	0.8	0.9	1.0	1.1	
1999 4/.....	0.7	*	*	*	*	*	*	0.9	1.0	0.8	1.0	

BLACK, MALE												
2001	0.9	*	*	*	*	*	*	*	*	1.6	2.0	1.9
2000 4/.....	0.9	*	*	*	*	*	*	*	*	1.5	1.7	1.8
1999 4/.....	1.1	*	*	*	*	*	*	*	*	1.6	*	*

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)

ALL RACES 3/, BOTH SEXES

2001	0.7	*	0.2	0.1	0.1	0.4	0.6	0.8	0.9	0.9	1.2	1.1
2000 4/.....	0.7	*	*	0.1	0.1	0.5	0.7	0.8	0.8	0.9	1.0	0.9
1999 4/.....	0.7	*	*	0.2	0.2	0.4	0.6	0.8	0.8	0.9	0.9	1.0

ALL RACES 3/, MALE

2001	1.2	*	*	*	0.2	0.7	1.0	1.2	1.5	1.4	1.8	1.8
2000 4/.....	1.2	*	*	*	0.2	0.6	1.2	1.3	1.3	1.5	1.7	1.6
1999 4/.....	1.1	*	*	0.2	0.3	0.6	0.9	1.4	1.3	1.4	1.5	1.7

ALL RACES 3/, FEMALE

2001	0.3	*	*	*	*	*	0.3	0.4	0.3	0.4	0.5	0.4
2000 4/.....	0.2	*	*	*	*	0.3	*	*	0.2	0.2	0.3	0.3
1999 4/.....	0.3	*	*	*	*	0.2	0.3	0.3	0.3	0.4	0.4	0.3

WHITE, BOTH SEXES

2001	0.8	*	0.2	0.1	0.2	0.5	0.7	0.9	1.0	1.0	1.3	1.1
2000 4/.....	0.7	*	*	*	0.2	0.5	0.8	0.9	0.8	0.9	1.1	1.0
1999 4/.....	0.7	*	*	0.2	0.2	0.4	0.7	1.0	0.9	1.0	1.0	1.1

WHITE, MALE

2001	1.3	*	*	*	*	0.8	1.1	1.4	1.6	1.5	2.0	1.8
2000 4/.....	1.3	*	*	*	*	0.6	1.4	1.5	1.4	1.6	1.9	1.6
1999 4/.....	1.2	*	*	*	0.3	0.6	1.1	1.5	1.4	1.5	1.5	1.8

WHITE, FEMALE

2001	0.3	*	*	*	*	*	0.4	0.5	0.3	0.4	0.6	0.4
2000 4/.....	0.2	*	*	*	*	0.3	*	*	*	*	0.4	0.3
1999 4/.....	0.3	*	*	*	*	*	0.3	0.3	0.4	0.4	0.4	0.3

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Nontransport accidents (W00-X59,Y86)												
ALL RACES 3/, BOTH SEXES												
2001	19.0	20.5	6.8	2.5	2.4	6.2	10.3	10.5	11.6	16.7	19.4	19.7
2000 4/.....	18.2	18.6	7.4	2.7	2.5	6.3	9.5	10.0	11.8	15.8	18.6	18.0
1999 4/.....	18.4	17.3	7.7	2.7	2.7	6.2	9.3	10.0	12.1	15.3	18.8	18.2
ALL RACES 3/, MALE												
2001	23.8	22.9	8.3	3.3	3.3	9.9	16.8	16.6	17.7	24.8	28.7	30.0
2000 4/.....	22.9	20.9	9.0	3.4	3.5	10.2	15.5	16.2	18.4	24.2	28.3	28.0
1999 4/.....	23.3	20.2	9.3	3.5	3.9	10.0	15.3	16.2	19.2	23.4	29.1	28.6
ALL RACES 3/, FEMALE												
2001	14.5	17.9	5.1	1.8	1.5	2.3	3.4	4.2	5.5	8.5	10.2	9.7
2000 4/.....	13.6	16.2	5.7	1.9	1.4	2.2	3.2	3.7	5.2	7.4	9.0	8.4
1999 4/.....	13.7	14.2	6.1	2.0	1.5	2.1	3.1	3.7	5.0	7.2	8.7	8.1
WHITE, BOTH SEXES												
2001	20.0	16.9	6.7	2.2	2.1	6.3	11.3	11.0	12.2	17.2	19.3	19.0
2000 4/.....	18.9	15.1	6.9	2.2	2.2	6.4	10.2	10.5	12.2	16.0	18.3	17.2
1999 4/.....	19.0	14.3	7.3	2.2	2.4	6.2	9.7	10.4	12.1	15.6	18.5	17.1
WHITE, MALE												
2001	24.5	18.9	8.4	2.7	2.8	10.0	18.4	17.3	18.6	25.5	28.7	28.6
2000 4/.....	23.4	17.3	8.4	2.8	3.1	10.3	16.7	16.9	19.1	24.6	27.9	26.4
1999 4/.....	23.5	16.5	8.8	2.7	3.4	10.0	15.8	16.9	19.2	23.8	28.5	26.6
WHITE, FEMALE												
2001	15.6	14.8	4.8	1.7	1.3	2.3	3.8	4.4	5.6	8.6	9.7	9.4
2000 4/.....	14.6	12.8	5.2	1.6	1.2	2.2	3.3	3.8	5.1	7.3	8.7	8.1
1999 4/.....	14.6	11.8	5.8	1.6	1.3	2.2	3.2	3.7	4.8	7.2	8.5	7.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Nontransport accidents (W00-X59,Y86)												
BLACK, BOTH SEXES												
2001	17.6	40.2	8.4	4.1	4.1	5.9	7.2	9.4	11.1	17.7	24.9	29.6
2000 4/.....	17.6	38.0	10.6	5.2	4.0	6.4	7.7	9.6	12.5	18.0	24.5	27.6
1999 4/.....	18.9	34.4	10.6	5.6	4.6	6.3	8.8	10.2	14.4	16.7	25.6	30.7
BLACK, MALE												
2001	24.4	46.4	9.7	6.0	5.7	9.6	11.8	15.1	16.5	26.1	36.0	47.8
2000 4/.....	24.9	40.9	12.6	6.9	5.6	10.3	12.6	15.9	18.9	27.1	37.8	45.3
1999 4/.....	26.8	40.0	13.0	7.4	6.6	10.8	15.5	16.7	22.3	25.7	40.7	51.5
BLACK, FEMALE												
2001	11.5	33.7	7.1	2.2	2.5	2.1	2.7	4.3	6.2	10.2	15.2	13.8
2000 4/.....	11.0	35.1	8.5	3.5	2.3	2.3	3.0	3.8	6.7	9.9	12.7	12.3
1999 4/.....	11.7	28.5	8.1	3.7	2.5	1.6	2.5	4.3	7.3	8.8	12.3	12.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Falls (W00-W19)												
ALL RACES 3/, BOTH SEXES												
2001	5.3	0.6	0.2	0.2	0.2	0.4	0.9	0.8	0.9	1.2	1.6	2.5
2000 4/.....	4.7	*	0.2	*	0.1	0.5	0.7	0.7	0.8	1.0	1.6	2.0
1999 4/.....	4.7	*	0.4	0.1	0.1	0.6	0.7	0.8	0.9	1.2	1.7	2.3
ALL RACES 3/, MALE												
2001	5.8	*	0.3	0.2	0.2	0.8	1.5	1.5	1.5	2.1	2.8	4.2
2000 4/.....	5.2	*	0.3	*	*	0.8	1.2	1.2	1.5	1.8	2.7	3.4
1999 4/.....	5.2	*	0.5	*	0.2	0.9	1.2	1.4	1.5	2.0	2.8	3.8
ALL RACES 3/, FEMALE												
2001	4.8	*	*	*	*	*	*	*	0.3	0.4	0.6	0.9
2000 4/.....	4.3	*	*	*	*	*	0.2	*	*	0.3	0.6	0.8
1999 4/.....	4.3	*	*	*	*	*	*	*	0.3	0.4	0.6	0.8
WHITE, BOTH SEXES												
2001	6.0	*	0.2	0.2	0.2	0.5	1.0	0.9	0.9	1.3	1.7	2.5
2000 4/.....	5.3	*	0.2	*	*	0.6	0.8	0.8	0.9	1.0	1.7	2.1
1999 4/.....	5.2	*	0.4	*	0.2	0.6	0.8	0.9	0.9	1.3	1.7	2.2
WHITE, MALE												
2001	6.4	*	0.3	0.2	0.2	0.9	1.8	1.6	1.6	2.1	2.8	4.1
2000 4/.....	5.7	*	*	*	*	1.0	1.4	1.4	1.5	1.7	2.7	3.5
1999 4/.....	5.6	*	0.5	*	*	1.1	1.3	1.5	1.5	2.0	2.7	3.7
WHITE, FEMALE												
2001	5.5	*	*	*	*	*	*	*	0.3	0.4	0.5	0.9
2000 4/.....	5.0	*	*	*	*	*	0.3	*	*	0.3	0.6	0.7
1999 4/.....	4.9	*	*	*	*	*	*	*	0.3	0.5	0.6	0.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidental drowning and submersion (W65-W74)												
ALL RACES 3/, BOTH SEXES												
2001	1.2	1.7	3.0	0.8	0.8	1.6	1.4	1.1	0.8	1.0	1.1	1.0
2000 4/.....	1.2	2.0	3.2	1.0	0.8	1.8	1.5	1.1	1.0	1.1	1.0	0.9
1999 4/.....	1.3	1.8	3.2	0.9	0.9	1.8	1.5	1.1	1.1	1.1	1.0	1.0
ALL RACES 3/, MALE												
2001	1.8	1.5	3.7	1.2	1.1	2.8	2.5	1.9	1.4	1.6	1.7	1.8
2000 4/.....	2.0	2.2	4.0	1.3	1.2	3.3	2.5	1.9	1.7	1.9	1.7	1.6
1999 4/.....	2.0	2.0	4.0	1.3	1.3	3.2	2.8	2.0	2.0	1.9	1.7	1.7
ALL RACES 3/, FEMALE												
2001	0.5	1.9	2.2	0.5	0.5	0.3	0.3	0.3	0.2	0.4	0.4	0.3
2000 4/.....	0.5	1.7	2.4	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1999 4/.....	0.5	1.6	2.4	0.5	0.4	0.3	0.3	*	0.3	0.3	0.3	0.3
WHITE, BOTH SEXES												
2001	1.1	1.7	3.3	0.6	0.5	1.3	1.4	1.0	0.7	1.0	1.0	1.0
2000 4/.....	1.2	1.6	3.5	0.8	0.6	1.6	1.4	1.1	1.0	1.1	1.0	0.9
1999 4/.....	1.2	1.5	3.5	0.7	0.5	1.6	1.5	1.0	1.1	1.1	1.0	1.1
WHITE, MALE												
2001	1.7	1.6	4.2	0.8	0.6	2.3	2.4	1.7	1.2	1.5	1.6	1.7
2000 4/.....	1.9	1.8	4.4	1.0	0.8	2.8	2.4	1.8	1.7	1.8	1.6	1.5
1999 4/.....	1.9	1.7	4.3	0.9	0.7	2.8	2.5	1.7	1.9	1.8	1.7	1.8
WHITE, FEMALE												
2001	0.5	1.8	2.4	0.5	0.3	*	0.3	0.3	*	0.4	0.4	0.3
2000 4/.....	0.5	*	2.5	0.5	0.3	0.3	0.3	0.3	*	0.4	0.3	0.3
1999 4/.....	0.5	1.4	2.6	0.4	*	0.3	0.3	*	0.3	0.4	0.4	0.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidental exposure to smoke, fire and flames (X00-X09)												
ALL RACES 3/, BOTH SEXES												
2001	1.2	1.2	1.5	0.8	0.4	0.4	0.7	0.6	0.6	0.9	1.1	1.0
2000 4/.....	1.2	1.0	1.9	0.9	0.4	0.4	0.6	0.6	0.6	0.8	1.0	1.1
1999 4/.....	1.2	1.1	2.0	0.8	0.5	0.4	0.6	0.7	0.7	0.9	1.0	1.0
ALL RACES 3/, MALE												
2001	1.4	1.5	1.8	1.0	0.4	0.4	0.9	0.8	0.8	1.2	1.6	1.5
2000 4/.....	1.5	1.0	2.2	1.0	0.3	0.4	0.8	0.8	0.8	1.2	1.2	1.5
1999 4/.....	1.5	1.1	2.2	0.9	0.5	0.6	0.8	0.9	1.0	1.2	1.5	1.5
ALL RACES 3/, FEMALE												
2001	0.9	1.0	1.1	0.6	0.4	0.3	0.4	0.4	0.4	0.5	0.7	0.6
2000 4/.....	0.9	*	1.5	0.7	0.5	0.4	0.4	0.4	0.4	0.5	0.7	0.7
1999 4/.....	0.9	1.1	1.7	0.7	0.4	0.3	0.4	0.5	0.4	0.5	0.5	0.5
WHITE, BOTH SEXES												
2001	1.0	1.1	1.2	0.7	0.4	0.3	0.7	0.5	0.6	0.8	1.0	0.9
2000 4/.....	1.0	0.8	1.3	0.7	0.3	0.4	0.5	0.5	0.5	0.7	0.9	0.9
1999 4/.....	1.0	0.9	1.5	0.6	0.4	0.4	0.6	0.7	0.7	0.8	0.9	0.9
WHITE, MALE												
2001	1.3	*	1.6	0.8	0.4	0.4	0.9	0.7	0.8	1.0	1.4	1.2
2000 4/.....	1.3	*	1.6	0.7	0.3	0.4	0.8	0.7	0.7	1.0	1.1	1.3
1999 4/.....	1.3	*	1.7	0.6	0.4	0.6	0.7	0.9	1.0	1.0	1.4	1.3
WHITE, FEMALE												
2001	0.8	*	0.8	0.5	0.3	0.3	0.4	*	0.4	0.5	0.6	0.5
2000 4/.....	0.8	*	1.1	0.6	0.4	0.4	0.3	0.4	0.3	0.4	0.6	0.6
1999 4/.....	0.8	*	1.3	0.6	0.3	0.3	0.4	0.4	0.3	0.5	0.5	0.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidental exposure to smoke, fire and flames (X00-X09)												
BLACK, BOTH SEXES												
2001	2.3	*	3.3	1.8	0.8	*	1.0	1.4	1.0	1.5	2.1	2.3
2000 4/.....	2.5	*	4.8	2.1	0.8	*	1.0	1.1	1.2	1.5	2.0	2.2
1999 4/.....	2.5	*	4.5	2.1	0.9	*	0.9	1.1	0.9	1.9	1.7	2.0
BLACK, MALE												
2001	2.9	*	3.6	2.3	*	*	*	*	*	2.5	2.9	3.7
2000 4/.....	3.2	*	5.6	2.6	*	*	*	*	1.5	2.2	2.7	3.2
1999 4/.....	3.0	*	5.0	2.4	*	*	*	*	*	2.8	2.5	3.0
BLACK, FEMALE												
2001	1.7	*	2.9	1.2	*	*	*	1.5	*	*	1.3	*
2000 4/.....	2.0	*	4.1	1.6	*	*	*	*	*	*	1.3	*
1999 4/.....	2.0	*	3.9	1.8	*	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALE												
2001	7.1	*	0.3	*	*	3.0	7.6	8.7	9.9	14.6	16.8	15.7
2000 4/.....	6.6	*	0.3	*	*	2.6	6.7	7.9	10.1	13.7	16.4	14.7
1999 4/.....	6.5	*	*	*	*	1.9	5.9	7.7	10.3	13.3	16.6	15.1

ALL RACES 37, FEMALE	2.9	*	*	*	*	1.0	1.9	2.6	3.9	6.1	7.3	6.2
2001	2.9	*	*	*	*	1.0	1.9	2.6	3.9	6.1	7.3	6.2
2000 4/.....	2.5	*	*	*	*	0.8	1.7	2.1	3.5	5.3	6.0	5.3
1999 4/.....	2.3	*	*	*	*	0.7	1.6	2.0	3.2	4.9	5.7	4.7

2001	5.0	*	0.2	*	0.2	2.3	5.6	6.4	7.4	10.8	12.1	10.5
2000 4/.....	4.6	*	*	*	0.1	2.0	4.9	5.5	7.2	9.8	11.0	9.4
1999 4/.....	4.3	*	0.2	*	0.1	1.5	4.2	5.2	6.9	9.3	10.8	9.1

2001	7.2	*	*	*	*	3.5	8.7	9.5	10.7	15.2	17.1	14.9
2000 4/.....	6.7	*	*	*	*	3.1	7.8	8.6	10.7	14.3	16.2	13.7
1999 4/.....	6.4	*	*	*	*	2.1	6.5	8.3	10.6	13.7	16.2	13.8

2001	2.9	*	*	*	*	1.0	2.3	3.0	3.9	6.2	7.1	6.1
2000 4/.....	2.5	*	*	*	*	0.9	1.8	2.3	3.6	5.2	5.8	5.1
1999 4/.....	2.3	*	*	*	*	0.8	1.7	2.1	3.1	4.8	5.4	4.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Accidental poisoning and exposure to noxious substances (X40-X49)												
BLACK, BOTH SEXES												
2001	5.8	*	*	*	*	0.9	2.3	4.0	6.3	11.1	15.2	17.7
2000 4/.....	5.5	*	*	*	*	0.7	2.1	4.3	6.8	10.7	15.3	16.5
1999 4/.....	5.7	*	*	*	*	*	2.8	4.2	8.0	10.3	16.1	17.9
BLACK, MALE												
2001	8.4	*	*	*	*	*	3.8	6.7	8.2	15.4	20.3	28.0
2000 4/.....	8.2	*	*	*	*	*	2.7	7.1	9.6	14.9	22.8	26.3
1999 4/.....	8.7	*	*	*	*	*	4.7	6.7	11.5	14.9	24.2	29.7
BLACK, FEMALE												
2001	3.5	*	*	*	*	*	*	1.6	4.6	7.3	10.7	8.9
2000 4/.....	3.1	*	*	*	*	*	1.5	1.7	4.3	7.1	8.6	8.0
1999 4/.....	3.0	*	*	*	*	*	*	2.0	4.9	6.3	9.1	7.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)												
ALL RACES 3/, BOTH SEXES												
2001	6.2	16.6	1.8	0.6	0.7	1.2	2.0	1.8	2.2	2.9	3.2	3.9
2000 4/.....	6.2	15.0	1.7	0.6	0.7	1.4	2.0	2.1	2.3	3.0	3.4	3.9
1999 4/.....	6.6	13.8	1.9	0.7	0.9	1.4	2.0	2.2	2.3	2.7	3.7	3.8
ALL RACES 3/, MALE												
2001	7.2	18.9	2.1	0.7	1.0	1.9	3.4	3.1	3.7	4.8	5.3	6.3
2000 4/.....	7.2	16.8	2.1	0.7	1.1	2.1	3.5	3.7	3.9	5.1	5.6	6.5
1999 4/.....	7.6	16.2	2.3	0.9	1.2	2.3	3.4	3.7	3.7	4.5	6.1	6.0
ALL RACES 3/, FEMALE												
2001	5.3	14.2	1.5	0.4	0.3	0.6	0.6	0.6	0.6	1.1	1.2	1.6
2000 4/.....	5.2	13.2	1.4	0.4	0.3	0.5	0.4	0.6	0.7	0.8	1.3	1.4
1999 4/.....	5.6	11.3	1.5	0.5	0.4	0.5	0.5	0.6	0.8	0.9	1.4	1.7
WHITE, BOTH SEXES												
2001	6.6	13.4	1.7	0.6	0.7	1.4	2.2	1.9	2.2	3.0	3.2	3.8
2000 4/.....	6.6	12.2	1.6	0.6	0.8	1.4	2.1	2.3	2.4	3.0	3.4	3.7
1999 4/.....	6.9	11.2	1.8	0.7	0.9	1.6	2.2	2.2	2.3	2.9	3.7	3.6
WHITE, MALE												
2001	7.5	15.2	2.0	0.7	1.0	2.1	3.7	3.2	3.7	5.0	5.2	6.2
2000 4/.....	7.4	14.0	2.0	0.7	1.2	2.2	3.7	3.8	4.1	5.2	5.6	6.1
1999 4/.....	7.8	12.9	2.1	1.0	1.3	2.5	3.7	3.9	3.8	4.8	6.0	5.5
WHITE, FEMALE												
2001	5.8	11.5	1.4	0.5	0.3	0.6	0.6	0.6	0.6	1.0	1.1	1.5
2000 4/.....	5.7	10.3	1.2	0.4	0.3	0.5	0.4	0.6	0.7	0.8	1.3	1.4
1999 4/.....	6.1	9.5	1.4	0.4	0.5	0.6	0.5	0.6	0.7	0.9	1.5	1.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)

BLACK, BOTH SEXES

2001	5.4	34.2	2.5	*	0.7	0.8	1.3	1.8	1.9	2.6	3.9	5.4
2000 4/.....	5.4	30.6	2.3	0.7	0.7	1.3	1.8	2.0	2.4	3.1	3.9	5.7
1999 4/.....	6.1	27.9	2.5	0.7	0.7	1.0	1.6	2.2	2.6	2.2	4.7	6.6

BLACK, MALE

2001	6.8	40.4	2.8	*	*	*	2.0	2.8	3.6	3.7	6.6	8.6
2000 4/.....	7.3	32.0	2.5	*	1.2	1.8	3.2	3.5	3.8	5.5	6.5	10.1
1999 4/.....	8.0	33.2	3.4	*	1.2	1.8	3.0	3.5	4.4	3.5	8.1	11.1

BLACK, FEMALE

2001	4.1	27.7	2.2	*	*	*	*	*	*	1.5	1.6	2.7
2000 4/.....	3.8	29.1	2.0	*	*	*	*	*	*	*	1.5	1.8
1999 4/.....	4.4	22.5	1.6	*	*	*	*	*	*	*	1.6	2.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),

RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)

ALL RACES 3/, BOTH SEXES

2001 5/.....	10.8	*	1.3	7.9	12.0	12.6	13.0	14.3	15.2	15.7
2000 4/.....	10.4	...	...	*	1.5	8.0	12.5	12.1	12.0	13.7	15.4	14.9
1999 4/.....	10.5	...	...	*	1.2	8.0	12.3	12.3	13.1	14.4	14.3	14.3

ALL RACES 3/, MALE

2001 5/.....	17.6	...	...	*	1.9	12.9	20.5	21.0	21.0	22.7	23.6	24.3
2000 4/.....	17.1	...	...	*	2.3	13.0	21.4	20.0	19.2	21.7	23.9	23.3
1999 4/.....	17.1	...	...	*	1.9	13.0	20.8	20.3	21.1	22.7	22.1	22.3

ALL RACES 3/, FEMALE

2001 5/.....	4.1	...	...	*	0.6	2.7	3.1	4.0	4.8	5.9	6.9	7.4
2000 4/.....	4.0	...	...	*	0.6	2.7	3.2	4.0	4.6	5.8	7.0	6.7
1999 4/.....	4.0	...	...	*	0.5	2.7	3.4	4.1	5.1	6.1	6.7	6.7

WHITE, BOTH SEXES

2001 5/.....	11.9	...	...	*	1.3	8.6	12.6	13.5	14.2	15.8	16.9	17.6
2000 4/.....	11.5	...	...	*	1.5	8.5	13.1	12.7	13.0	15.1	17.0	16.5
1999 4/.....	11.5	...	...	*	1.3	8.5	12.7	12.8	14.2	15.7	16.0	15.9

WHITE, MALE

2001 5/.....	19.5	...	...	*	2.0	14.0	21.3	22.2	22.6	24.7	26.1	27.1
2000 4/.....	18.8	...	...	*	2.4	13.7	22.3	20.8	20.7	23.6	26.2	25.6
1999 4/.....	18.7	...	...	*	2.0	13.7	21.5	21.0	22.5	24.3	24.5	24.4

WHITE, FEMALE

2001 5/.....	4.6	...	...	*	0.6	2.9	3.3	4.3	5.4	6.7	7.8	8.1
2000 4/.....	4.4	...	...	*	0.7	2.9	3.3	4.1	5.1	6.5	7.9	7.5
1999 4/.....	4.5	...	...	*	0.5	2.9	3.5	4.3	5.5	6.9	7.5	7.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)

BLACK, BOTH SEXES

2001 5/.....	5.3	*	1.1	4.3	10.1	9.6	8.6	7.8	6.8	6.5
2000 4/.....	5.4	...	...	*	1.2	5.5	11.0	9.9	7.6	7.3	8.0	6.6
1999 4/.....	5.4	...	...	*	0.9	5.8	10.7	9.6	8.7	8.4	6.8	6.4

BLACK, MALE

2001 5/.....	9.2	...	...	*	1.7	7.3	19.4	17.7	15.4	13.8	10.8	10.1
2000 4/.....	9.4	...	...	*	2.1	9.5	19.5	17.5	13.6	13.0	13.4	11.8
1999 4/.....	9.6	...	...	*	1.3	9.9	19.5	17.9	15.7	15.6	10.8	10.9

BLACK, FEMALE

2001 5/.....	1.7	...	...	*	*	1.3	*	2.2	2.5	2.5	3.3	3.3
2000 4/.....	1.7	...	...	*	*	1.4	3.0	3.0	2.2	2.2	3.2	2.1
1999 4/.....	1.6	...	...	*	*	1.6	2.3	2.1	2.5	2.0	3.3	2.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Intentional self-harm (suicide) by discharge of firearms (X72-X74)

ALL RACES 3/, BOTH SEXES

2001	5.9	...	...	*	0.4	4.1	6.6	6.7	6.3	6.4	7.0	7.5
2000 4/.....	5.9	...	...	*	0.5	4.4	7.2	6.3	6.0	6.7	7.4	7.4
1999 4/.....	5.9	...	...	*	0.5	4.9	7.2	6.6	6.5	7.1	6.7	7.4

ALL RACES 3/, MALE

2001	10.6	...	...	*	0.6	7.1	11.8	11.7	10.8	10.8	12.0	12.8
2000 4/.....	10.5	...	...	*	0.9	7.6	12.9	11.1	10.1	11.1	12.6	12.8
1999 4/.....	10.6	...	...	*	0.8	8.4	12.8	11.5	10.9	11.8	11.2	12.6

ALL RACES 3/, FEMALE

2001	1.5	...	...	*	0.2	1.0	1.0	1.5	1.7	2.1	2.2	2.3
2000 4/.....	1.5	...	...	*	0.2	1.1	1.3	1.5	1.9	2.3	2.4	2.2
1999 4/.....	1.5	...	...	*	0.2	1.1	1.4	1.6	1.9	2.3	2.2	2.4

WHITE, BOTH SEXES

2001	6.7	...	...	*	0.4	4.5	6.7	7.2	7.0	7.2	7.9	8.5
2000 4/.....	6.6	...	...	*	0.6	4.6	7.6	6.6	6.6	7.5	8.4	8.3
1999 4/.....	6.6	...	...	*	0.6	5.2	7.4	7.0	7.1	7.8	7.5	8.3

WHITE, MALE

2001	11.8	...	...	*	0.7	7.6	11.9	12.3	11.7	11.9	13.3	14.5
2000 4/.....	11.6	...	...	*	1.0	7.9	13.5	11.4	11.0	12.2	14.0	14.2
1999 4/.....	11.7	...	...	*	0.9	8.9	13.0	11.9	11.8	12.7	12.5	14.0

WHITE, FEMALE

2001	1.7	...	...	*	*	1.1	1.1	1.7	2.0	2.4	2.4	2.6
2000 4/.....	1.7	...	...	*	*	1.1	1.3	1.6	2.0	2.7	2.7	2.5
1999 4/.....	1.7	...	...	*	0.3	1.2	1.4	1.8	2.2	2.7	2.5	2.7

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001	0.6	*	*	*	*	*	*	*	*
2000 4/.....	0.7	*	*	*	*	*	*	*	*
1999 4/.....	0.6	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)

ALL RACES 3/, BOTH SEXES

2001 5/.....	4.8	...	...	*	0.9	3.8	5.4	5.9	6.7	7.9	8.2	8.2
2000 4/.....	4.5	...	...	*	0.9	3.6	5.3	5.8	6.0	7.0	7.9	7.4
1999 4/.....	4.5	...	...	*	0.7	3.2	5.1	5.7	6.7	7.3	7.7	6.9

ALL RACES 3/, MALE

2001 5/.....	7.1	...	...	*	1.3	5.8	8.7	9.3	10.2	11.9	11.6	11.5
2000 4/.....	6.6	...	...	*	1.4	5.4	8.5	8.9	9.1	10.6	11.3	10.6
1999 4/.....	6.6	...	...	*	1.1	4.6	8.0	8.8	10.2	10.9	10.8	9.6

ALL RACES 3/, FEMALE

2001 5/.....	2.6	...	...	*	0.4	1.7	2.0	2.5	3.1	3.9	4.8	5.1
2000 4/.....	2.5	...	...	*	0.4	1.7	1.9	2.6	2.7	3.4	4.6	4.4
1999 4/.....	2.5	...	...	*	0.3	1.6	2.0	2.5	3.2	3.7	4.5	4.2

WHITE, BOTH SEXES

2001 5/.....	5.3	...	...	*	0.9	4.2	5.9	6.3	7.2	8.6	9.1	9.1
2000 4/.....	4.9	...	...	*	0.9	3.8	5.5	6.1	6.4	7.6	8.7	8.2
1999 4/.....	4.9	...	...	*	0.7	3.3	5.4	5.9	7.1	7.9	8.4	7.6

WHITE, MALE

2001 5/.....	7.7	...	...	*	1.3	6.4	9.4	9.8	10.8	12.8	12.7	12.6
2000 4/.....	7.1	...	...	*	1.3	5.8	8.8	9.4	9.7	11.4	12.2	11.4
1999 4/.....	7.0	...	...	*	1.1	4.9	8.5	9.1	10.7	11.6	11.9	10.4

WHITE, FEMALE

2001 5/.....	2.9	...	...	*	0.4	1.8	2.2	2.6	3.4	4.3	5.4	5.6
2000 4/.....	2.8	...	...	*	0.5	1.8	1.9	2.5	3.1	3.8	5.1	5.0
1999 4/.....	2.8	...	...	*	0.3	1.7	2.1	2.5	3.3	4.2	4.9	4.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)

BLACK, BOTH SEXES

2001 5/.....	2.3	...	...	*	0.8	1.5	3.0	3.8	4.5	4.1	3.6	3.9
2000 4/.....	2.4	...	...	*	1.1	1.8	4.2	3.9	3.6	3.8	4.7	3.3
1999 4/.....	2.3	...	...	*	0.7	1.9	3.1	3.9	4.6	4.2	4.1	3.0

BLACK, MALE

2001 5/.....	3.7	...	...	*	1.1	2.3	5.5	6.8	7.4	6.7	5.3	5.7
2000 4/.....	3.9	...	...	*	1.8	2.6	6.8	6.2	6.4	6.6	7.3	5.7
1999 4/.....	3.7	...	...	*	*	2.9	5.3	6.7	7.6	7.5	5.7	4.9

BLACK, FEMALE

2001 5/.....	1.1	...	...	*	*	*	*	*	1.8	1.8	2.1	2.3
2000 4/.....	1.0	...	...	*	*	*	1.7	1.8	*	1.4	2.3	*
1999 4/.....	1.0	...	...	*	*	*	*	*	1.9	*	2.7	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)

ALL RACES 3/, BOTH SEXES

2001 5/.....	7.1	8.2	2.7	0.7	0.9	9.4	17.3	14.9	11.5	10.4	8.6	7.0
2000 4/.....	6.0	9.2	2.3	0.7	1.1	9.5	16.0	11.9	9.0	7.6	6.6	5.3
1999 4/.....	6.1	8.7	2.5	0.9	1.2	10.4	15.6	12.1	9.1	7.7	6.6	5.1

ALL RACES 3/, MALE

2001 5/.....	11.1	9.5	3.0	0.7	1.1	15.7	28.9	24.1	17.7	15.3	12.6	10.6
2000 4/.....	9.3	10.4	2.5	0.7	1.4	15.5	26.7	19.6	14.0	10.9	9.7	7.8
1999 4/.....	9.3	9.6	2.5	0.9	1.5	16.9	25.7	19.5	13.8	11.0	9.5	7.7

ALL RACES 3/, FEMALE

2001 5/.....	3.3	6.9	2.4	0.6	0.7	2.7	5.1	5.5	5.2	5.5	4.7	3.6
2000 4/.....	2.8	7.9	2.1	0.6	0.8	3.1	4.7	4.1	4.0	4.4	3.6	2.8
1999 4/.....	2.9	7.8	2.4	0.9	0.9	3.5	5.1	4.5	4.3	4.3	3.6	2.5

WHITE, BOTH SEXES

2001 5/.....	4.9	6.2	1.9	0.7	0.7	5.1	9.4	8.9	7.8	7.8	6.8	5.6
2000 4/.....	3.6	6.6	1.7	0.6	0.9	5.2	7.7	6.2	5.3	4.9	4.4	3.7
1999 4/.....	3.8	6.7	1.7	0.7	1.0	5.6	8.0	6.5	5.5	5.1	4.5	3.6

WHITE, MALE

2001 5/.....	7.2	7.3	2.2	0.6	0.8	7.9	14.5	13.5	11.3	11.6	9.8	8.2
2000 4/.....	5.2	8.2	1.9	0.7	1.1	8.0	12.0	9.2	7.6	6.6	6.4	5.1
1999 4/.....	5.5	7.9	1.8	0.7	1.1	8.6	12.1	9.9	7.8	7.0	6.3	5.3

WHITE, FEMALE

2001 5/.....	2.6	5.1	1.6	0.7	0.6	2.0	3.9	4.1	4.2	3.9	3.8	3.0
2000 4/.....	2.1	5.0	1.5	0.5	0.7	2.1	3.2	3.0	2.9	3.2	2.5	2.3
1999 4/.....	2.1	5.4	1.7	0.7	0.8	2.3	3.7	2.9	3.2	3.1	2.6	1.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)

BLACK, BOTH SEXES

2001 5/.....	22.1	18.9	6.8	0.9	1.9	32.7	62.8	52.6	35.3	28.2	21.7	18.1
2000 4/.....	21.5	22.8	5.8	1.2	2.5	33.1	64.1	48.2	33.5	25.9	21.8	16.8
1999 4/.....	21.1	19.5	6.1	1.9	2.5	36.5	60.4	47.0	31.8	25.1	21.2	16.2

BLACK, MALE

2001 5/.....	38.3	21.0	8.0	1.2	2.7	58.2	116.3	96.0	62.3	42.8	34.2	30.0
2000 4/.....	37.2	23.3	5.9	*	3.3	57.2	117.8	89.4	58.6	42.5	34.1	28.7
1999 4/.....	36.1	19.5	5.9	2.0	3.3	62.4	110.9	84.0	54.7	40.1	34.1	27.3

BLACK, FEMALE

2001 5/.....	7.4	16.7	5.6	*	*	6.4	11.4	13.1	11.1	15.3	10.6	7.7
2000 4/.....	7.2	22.2	5.7	1.4	1.7	8.4	13.2	10.9	10.9	11.1	10.9	6.5
1999 4/.....	7.6	19.5	6.3	1.8	1.6	10.0	12.5	13.6	11.2	11.8	9.8	6.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)												
ALL RACES 3/, BOTH SEXES												
2001	4.0	*	0.4	0.3	0.6	7.5	13.6	10.3	6.6	5.1	3.7	2.7
2000 4/.....	3.8	*	0.2	0.2	0.7	7.7	12.7	9.2	6.3	4.7	3.8	2.9
1999 4/.....	3.9	*	0.3	0.3	0.8	8.5	12.5	9.2	6.1	4.6	3.7	2.8
ALL RACES 3/, MALE												
2001	6.8	*	0.3	0.3	0.8	13.2	24.0	17.8	11.1	8.0	5.6	4.2
2000 4/.....	6.5	*	*	0.3	1.0	13.3	22.4	16.1	10.4	7.4	5.8	4.5
1999 4/.....	6.5	*	0.3	0.4	1.1	14.5	21.8	15.9	10.1	7.1	5.5	4.4
ALL RACES 3/, FEMALE												
2001	1.3	*	0.4	0.2	0.3	1.5	2.7	2.5	2.1	2.2	1.7	1.1
2000 4/.....	1.3	*	*	0.2	0.3	1.7	2.7	2.2	2.1	1.9	1.7	1.3
1999 4/.....	1.3	*	0.3	0.2	0.5	2.2	2.8	2.3	2.1	2.2	1.8	1.3
WHITE, BOTH SEXES												
2001	2.2	*	0.3	0.3	0.4	3.7	6.3	5.0	3.5	3.2	2.6	1.9
2000 4/.....	2.1	*	*	0.2	0.5	3.9	5.5	4.2	3.3	2.8	2.5	2.0
1999 4/.....	2.2	*	0.2	0.2	0.6	4.2	5.6	4.3	3.4	3.0	2.5	1.9
WHITE, MALE												
2001	3.5	*	*	0.3	0.6	6.2	10.5	8.2	5.4	4.9	3.7	2.8
2000 4/.....	3.2	*	*	0.3	0.7	6.5	9.0	6.7	5.1	4.1	3.7	3.0
1999 4/.....	3.4	*	*	0.2	0.8	6.9	9.1	7.1	5.2	4.3	3.6	2.8
WHITE, FEMALE												
2001	1.0	*	*	*	0.3	1.1	1.9	1.6	1.6	1.6	1.4	0.9
2000 4/.....	1.0	*	*	*	*	1.1	1.7	1.6	1.5	1.5	1.3	1.1
1999 4/.....	0.9	*	*	*	0.4	1.2	1.9	1.4	1.5	1.6	1.4	1.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Assault (homicide) by discharge of firearms (*U01.4,X93-X95)												
BLACK, BOTH SEXES												
2001	15.8	*	*	*	1.3	28.7	55.7	43.6	26.9	18.4	11.6	8.4
2000 4/.....	15.6	*	*	*	1.7	28.6	55.3	40.7	26.0	17.3	12.6	9.4
1999 4/.....	15.4	*	*	0.7	1.8	32.0	53.4	39.3	23.7	15.9	12.2	9.7
BLACK, MALE												
2001	29.8	*	*	*	2.1	52.8	106.5	83.2	51.3	31.5	20.3	15.3
2000 4/.....	29.2	*	*	*	2.8	51.7	105.2	78.7	48.1	31.7	21.6	16.7
1999 4/.....	28.4	*	*	*	2.8	56.3	101.0	74.4	44.0	27.3	20.5	17.3
BLACK, FEMALE												
2001	3.1	*	*	*	*	3.9	7.0	7.6	5.0	6.8	3.9	2.4
2000 4/.....	3.2	*	*	*	*	4.9	8.0	6.2	6.0	4.5	4.7	3.2
1999 4/.....	3.7	*	*	*	*	7.0	8.2	7.5	5.5	5.8	4.8	3.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)												
ALL RACES 3/, BOTH SEXES												
2001 5/.....	3.1	8.0	2.3	0.4	0.3	1.8	3.7	4.6	4.9	5.2	4.9	4.4
2000 4/.....	2.1	8.9	2.1	0.4	0.5	1.8	3.2	2.7	2.8	2.9	2.9	2.4
1999 4/.....	2.2	8.5	2.1	0.6	0.4	1.9	3.1	2.9	3.0	3.0	2.9	2.3
ALL RACES 3/, MALE												
2001 5/.....	4.3	9.2	2.7	0.4	0.3	2.4	4.9	6.3	6.7	7.3	7.0	6.4
2000 4/.....	2.8	10.0	2.3	0.5	0.4	2.2	4.4	3.5	3.6	3.5	3.9	3.3
1999 4/.....	2.8	9.4	2.1	0.5	0.4	2.4	3.9	3.6	3.7	3.9	4.0	3.3
ALL RACES 3/, FEMALE												
2001 5/.....	2.0	6.7	2.0	0.4	0.4	1.2	2.4	3.0	3.2	3.2	2.9	2.5
2000 4/.....	1.5	7.7	2.0	0.4	0.5	1.4	2.0	1.9	2.0	2.4	1.8	1.5
1999 4/.....	1.6	7.6	2.1	0.7	0.5	1.4	2.2	2.2	2.3	2.2	1.8	1.3
WHITE, BOTH SEXES												
2001 5/.....	2.6	6.0	1.6	0.4	0.3	1.4	3.0	3.9	4.3	4.6	4.2	3.7
2000 4/.....	1.5	6.5	1.5	0.4	0.4	1.3	2.3	2.0	2.0	2.1	1.9	1.7
1999 4/.....	1.6	6.6	1.5	0.5	0.4	1.4	2.4	2.1	2.2	2.1	2.0	1.7
WHITE, MALE												
2001 5/.....	3.7	7.0	1.9	0.3	*	1.8	3.9	5.3	5.9	6.8	6.0	5.3
2000 4/.....	2.0	8.1	1.7	0.5	0.4	1.6	3.0	2.5	2.5	2.5	2.7	2.1
1999 4/.....	2.1	7.7	1.5	0.4	0.3	1.7	3.0	2.7	2.6	2.7	2.8	2.4
WHITE, FEMALE												
2001 5/.....	1.6	4.9	1.4	0.4	0.3	0.9	2.0	2.5	2.6	2.3	2.3	2.0
2000 4/.....	1.1	4.8	1.3	0.3	0.5	1.0	1.5	1.4	1.4	1.7	1.2	1.2
1999 4/.....	1.2	5.4	1.5	0.5	0.4	1.1	1.8	1.5	1.7	1.5	1.2	0.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)

BLACK, BOTH SEXES

2001 5/.....	6.3	18.6	6.1	*	0.6	4.0	7.1	9.0	8.4	9.8	10.1	9.7
2000 4/.....	5.9	21.6	5.5	0.8	0.8	4.5	8.8	7.6	7.6	8.6	9.2	7.4
1999 4/.....	5.7	19.2	5.4	1.3	0.6	4.5	7.0	7.7	8.1	9.2	9.0	6.5

BLACK, MALE

2001 5/.....	8.5	20.7	7.3	*	*	5.4	9.8	12.8	11.0	11.3	13.9	14.7
2000 4/.....	8.0	21.1	5.5	*	*	5.5	12.6	10.7	10.5	10.9	12.6	12.0
1999 4/.....	7.7	19.2	5.4	1.2	*	6.1	9.8	9.5	10.7	12.8	13.6	10.0

BLACK, FEMALE

2001 5/.....	4.3	16.4	4.8	*	*	2.5	4.5	5.5	6.1	8.4	6.8	5.3
2000 4/.....	4.0	22.2	5.5	*	*	3.4	5.2	4.7	4.9	6.7	6.2	3.3
1999 4/.....	3.9	19.1	5.4	1.3	*	2.9	4.3	6.1	5.7	6.1	5.0	3.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Legal intervention (Y35,Y89.0)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Legal intervention (Y35,Y89.0)

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)												
ALL RACES 3/, BOTH SEXES												
2001	1.5	2.1	0.3	*	0.2	0.7	1.4	1.6	2.0	3.0	3.2	3.0
2000 4/.....	1.4	1.7	0.3	*	0.2	0.6	1.3	1.6	1.8	2.6	3.1	2.7
1999 4/.....	1.4	1.4	0.3	*	0.2	0.8	1.5	1.6	2.1	2.8	2.9	2.7
ALL RACES 3/, MALE												
2001	2.0	2.4	*	*	0.3	1.0	2.1	2.4	2.7	3.9	4.4	4.2
2000 4/.....	1.9	1.4	0.3	*	0.4	0.9	2.0	2.3	2.6	3.7	4.2	3.8
1999 4/.....	2.0	1.7	0.3	*	0.3	1.3	2.2	2.3	2.8	3.9	4.0	3.7
ALL RACES 3/, FEMALE												
2001	0.9	1.7	0.3	*	*	0.3	0.7	0.9	1.3	2.1	2.0	1.8
2000 4/.....	0.8	2.0	*	*	*	0.3	0.6	0.9	1.1	1.6	1.9	1.7
1999 4/.....	0.9	1.2	0.3	*	*	0.3	0.6	0.9	1.3	1.7	1.9	1.7
WHITE, BOTH SEXES												
2001	1.5	1.4	0.3	*	0.2	0.7	1.5	1.7	2.1	3.0	3.2	2.9
2000 4/.....	1.3	1.4	0.2	*	0.2	0.6	1.3	1.6	1.8	2.7	2.9	2.6
1999 4/.....	1.4	1.2	0.2	*	0.2	0.8	1.5	1.6	2.1	2.8	2.8	2.5
WHITE, MALE												
2001	2.0	1.7	*	*	0.3	1.1	2.2	2.5	2.9	3.8	4.2	4.0
2000 4/.....	1.8	*	*	*	0.3	1.0	1.9	2.3	2.5	3.7	4.0	3.5
1999 4/.....	1.9	1.4	*	*	0.3	1.3	2.3	2.3	2.8	3.7	3.8	3.2
WHITE, FEMALE												
2001	1.0	*	*	*	*	0.3	0.8	0.9	1.4	2.3	2.1	1.9
2000 4/.....	0.8	1.6	*	*	*	0.3	0.7	0.9	1.1	1.6	1.9	1.7
1999 4/.....	0.9	*	*	*	*	*	0.6	1.0	1.4	1.8	1.7	1.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)												
BLACK, BOTH SEXES												
2001	1.7	5.5	*	*	*	*	1.1	1.5	1.9	3.8	4.0	4.1
2000 4/.....	1.8	*	*	*	*	*	1.4	1.7	2.2	3.3	4.8	4.4
1999 4/.....	1.9	*	*	*	*	0.8	1.7	1.9	2.5	3.9	4.6	4.8
BLACK, MALE												
2001	2.7	6.0	*	*	*	*	1.9	2.5	2.7	5.9	6.6	7.0
2000 4/.....	2.8	*	*	*	*	*	2.5	2.7	3.4	4.8	7.2	7.0
1999 4/.....	3.0	*	*	*	*	1.3	2.7	3.4	3.7	6.3	6.5	8.3
BLACK, FEMALE												
2001	0.9	*	*	*	*	*	*	*	*	2.0	1.7	1.6
2000 4/.....	0.9	*	*	*	*	*	*	*	*	2.0	2.7	2.1
1999 4/.....	0.9	*	*	*	*	*	*	*	1.4	1.7	2.9	1.7

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	ALL AGES 1/ RACE, SEX, AND YEAR	UNDER 1 YEAR 2/ AGES 1/ RACE, SEX, AND YEAR	1-4 YEARS RACE, SEX, AND YEAR	5-9 YEARS RACE, SEX, AND YEAR	10-14 YEARS RACE, SEX, AND YEAR	15-19 YEARS RACE, SEX, AND YEAR	20-24 YEARS RACE, SEX, AND YEAR	25-29 YEARS RACE, SEX, AND YEAR	30-34 YEARS RACE, SEX, AND YEAR	35-39 YEARS RACE, SEX, AND YEAR	40-44 YEARS RACE, SEX, AND YEAR	45-49 YEARS RACE, SEX, AND YEAR
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Discharge of firearms, undetermined intent (Y22-Y24)

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)

ALL RACES 3/, BOTH SEXES

2001	1.4	2.1	0.3	*	0.1	0.5	1.2	1.5	1.9	2.9	3.1	2.9
2000 4/.....	1.3	1.7	0.3	*	0.2	0.5	1.1	1.4	1.7	2.6	3.0	2.7
1999 4/.....	1.3	1.4	0.3	*	0.1	0.5	1.1	1.4	2.0	2.7	2.8	2.6

ALL RACES 3/, MALE

2001	1.9	2.4	*	*	0.2	0.8	1.8	2.1	2.6	3.8	4.2	4.1
2000 4/.....	1.8	1.4	0.3	*	0.3	0.7	1.6	2.0	2.4	3.6	4.1	3.7
1999 4/.....	1.8	1.7	*	*	0.2	0.7	1.7	2.0	2.7	3.7	3.8	3.5

ALL RACES 3/, FEMALE

2001	0.9	1.7	0.3	*	*	0.3	0.6	0.8	1.3	2.0	2.0	1.7
2000 4/.....	0.8	2.0	*	*	*	0.3	0.5	0.8	1.0	1.6	1.9	1.6
1999 4/.....	0.8	1.2	0.3	*	*	0.2	0.5	0.8	1.3	1.7	1.8	1.7

WHITE, BOTH SEXES

2001	1.4	1.4	0.3	*	0.2	0.6	1.3	1.6	2.0	2.9	3.1	2.9
2000 4/.....	1.3	1.4	0.2	*	0.1	0.5	1.1	1.5	1.8	2.6	2.8	2.5
1999 4/.....	1.3	1.2	0.2	*	0.1	0.5	1.2	1.5	2.0	2.6	2.6	2.4

WHITE, MALE

2001	1.9	1.7	*	*	0.3	0.9	1.9	2.2	2.7	3.6	4.1	3.9
2000 4/.....	1.7	*	*	*	0.3	0.7	1.6	2.1	2.4	3.6	3.8	3.5
1999 4/.....	1.7	1.4	*	*	*	0.8	1.8	2.0	2.7	3.5	3.6	3.1

WHITE, FEMALE

2001	1.0	*	*	*	*	0.3	0.8	0.9	1.4	2.1	2.1	1.8
2000 4/.....	0.8	1.6	*	*	*	0.3	0.6	0.9	1.1	1.6	1.8	1.6
1999 4/.....	0.8	*	*	*	*	*	0.5	0.9	1.4	1.8	1.7	1.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

ALL AGES 1/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)

BLACK, BOTH SEXES

2001	1.7	5.5	*	*	*	*	0.8	1.3	1.9	3.8	3.9	4.0
2000 4/.....	1.7	*	*	*	*	*	0.9	1.4	1.9	3.2	4.7	4.3
1999 4/.....	1.7	*	*	*	*	*	1.1	1.5	2.4	3.8	4.5	4.6

BLACK, MALE

2001	2.5	6.0	*	*	*	*	1.5	2.2	2.7	5.9	6.5	6.8
2000 4/.....	2.5	*	*	*	*	*	1.5	2.2	3.1	4.5	7.1	6.9
1999 4/.....	2.7	*	*	*	*	*	1.8	2.7	3.5	6.1	6.4	7.9

BLACK, FEMALE

2001	0.8	*	*	*	*	*	*	*	*	2.0	1.6	1.6
2000 4/.....	0.9	*	*	*	*	*	*	*	*	2.0	2.6	2.1
1999 4/.....	0.9	*	*	*	*	*	*	*	1.4	1.7	2.7	1.7

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

ALL RACE, SEX, AND YEAR	UNDER 1 AGES 1/ YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALE

ALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

[illegible]

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
RACE, SEX, AND YEAR

	ALL AGES 1/ YEAR 2/ YEARS	UNDER 1 YEAR 2/ YEARS	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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Complications of medical and surgical care (Y40-Y84,Y88)

ALL RACES 3/, BOTH SEXES

2001	1.1	0.6	0.2	*	*	*	0.1	0.1	0.3	0.3	0.4	0.7
2000 4/.....	1.1	*	0.1	*	*	*	0.1	0.2	0.2	0.3	0.4	0.6
1999 4/.....	1.0	1.4	0.2	*	*	*	*	0.1	0.2	0.3	0.4	0.5

ALL RACES 3/, MALE

2001	1.0	*	*	*	*	*	*	*	0.3	0.4	0.4	0.7
2000 4/.....	1.0	*	*	*	*	*	*	0.2	0.2	0.3	0.4	0.6
1999 4/.....	1.0	1.6	*	*	*	*	*	*	0.3	0.3	0.4	0.4

ALL RACES 3/, FEMALE

2001	1.1	*	*	*	*	*	*	*	0.2	0.3	0.5	0.6
2000 4/.....	1.1	*	*	*	*	*	*	*	0.2	0.3	0.4	0.7
1999 4/.....	1.1	1.2	*	*	*	*	*	0.2	*	0.3	0.4	0.5

WHITE, BOTH SEXES

2001	1.1	*	*	*	*	*	0.1	*	0.2	0.3	0.4	0.6
2000 4/.....	1.1	*	*	*	*	*	*	0.1	0.2	0.3	0.3	0.6
1999 4/.....	1.0	1.2	0.2	*	*	*	*	*	0.2	0.3	0.3	0.4

WHITE, MALE

2001	0.9	*	*	*	*	*	*	*	0.3	0.3	0.3	0.6
2000 4/.....	1.1	*	*	*	*	*	*	*	0.2	0.3	0.4	0.5
1999 4/.....	1.0	1.4	*	*	*	*	*	*	0.3	0.3	0.3	0.3

WHITE, FEMALE

2001	1.2	*	*	*	*	*	*	*	*	0.3	0.4	0.5
2000 4/.....	1.1	*	*	*	*	*	*	*	*	0.3	0.3	0.6
1999 4/.....	1.1	*	*	*	*	*	*	*	*	0.2	0.4	0.5

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	ALL AGES 1/ YEAR 2/	UNDER 1 YEAR 2/	1-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS
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[illegible]

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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ALL CAUSES

ALL RACES 3/, BOTH SEXES

2001	512.4	771.8	1,210.7	1,869.7	2,878.3	4,494.0	7,151.9	15,112.8
2000 4/.....	509.0	792.6	1,241.0	1,906.3	2,929.4	4,553.8	7,335.0	15,524.4
1999 4/.....	501.4	801.6	1,254.0	1,956.7	2,995.3	4,608.0	7,378.5	15,554.6

ALL RACES 3/, MALE

2001	646.8	958.4	1,496.8	2,315.6	3,587.4	5,603.2	8,781.9	16,744.8
2000 4/.....	642.2	989.8	1,535.9	2,362.0	3,676.1	5,693.2	9,095.4	17,501.4
1999 4/.....	632.4	1,003.8	1,560.8	2,444.1	3,785.1	5,806.4	9,216.8	17,597.2

ALL RACES 3/, FEMALE

2001	383.7	596.9	951.3	1,485.9	2,314.8	3,717.6	6,175.1	14,429.9
2000 4/.....	381.3	608.1	973.7	1,515.7	2,341.2	3,760.2	6,296.6	14,719.2
1999 4/.....	375.9	612.6	976.4	1,539.6	2,378.2	3,774.8	6,302.8	14,731.3

WHITE, BOTH SEXES

2001	471.4	723.2	1,156.1	1,805.8	2,823.2	4,446.8	7,149.4	15,287.5
2000 4/.....	467.4	743.9	1,184.9	1,844.5	2,866.8	4,496.6	7,333.2	15,707.0
1999 4/.....	460.0	747.2	1,193.5	1,895.5	2,923.9	4,542.8	7,370.9	15,718.0

WHITE, MALE

2001	595.5	896.0	1,427.9	2,237.6	3,513.9	5,543.5	8,771.1	16,935.4
2000 4/.....	588.3	925.1	1,465.1	2,285.1	3,593.1	5,620.3	9,092.5	17,716.4
1999 4/.....	579.3	934.6	1,484.0	2,367.8	3,698.3	5,727.2	9,211.2	17,752.9

WHITE, FEMALE

2001	350.1	558.4	905.3	1,426.7	2,263.9	3,669.9	6,169.3	14,597.6
2000 4/.....	349.3	571.5	926.5	1,459.3	2,284.0	3,706.2	6,286.6	14,890.7
1999 4/.....	343.6	569.0	925.9	1,483.5	2,308.5	3,711.2	6,284.5	14,900.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),								
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 YEARS
RACE, SEX, AND YEAR	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	AND OVER
ALL CAUSES								
BLACK, BOTH SEXES								
2001	928.5	1,328.9	1,891.7	2,738.8	3,904.2	5,660.2	8,028.9	14,550.8
2000 4/.....	938.7	1,347.0	1,929.0	2,769.0	4,019.7	5,782.6	8,161.0	14,714.3
1999 4/.....	929.9	1,399.3	1,969.2	2,813.7	4,148.0	5,878.3	8,169.4	14,757.9
BLACK, MALE								
2001	1,201.4	1,718.2	2,424.6	3,497.3	5,053.2	7,255.7	10,256.3	16,439.9
2000 4/.....	1,227.4	1,776.2	2,462.1	3,513.8	5,203.9	7,410.0	10,405.7	16,791.0
1999 4/.....	1,220.1	1,822.6	2,549.7	3,599.1	5,336.3	7,538.1	10,433.8	17,304.5
BLACK, FEMALE								
2001	696.2	1,009.5	1,472.5	2,178.4	3,138.8	4,707.8	6,894.3	13,849.9
2000 4/.....	692.6	995.2	1,508.3	2,219.3	3,233.3	4,801.6	7,030.5	13,941.3
1999 4/.....	683.9	1,053.5	1,514.0	2,231.6	3,359.6	4,878.6	7,047.2	13,805.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Salmonella infections (A01-A02)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Salmonella infections (A01-A02)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Shigellosis and amebiasis (A03,A06)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------------

Shigellosis and amebiasis (A03,A06)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Certain other intestinal infections (A04,A07-A09)

ALL RACES 3/, BOTH SEXES

2001	0.2	0.2	0.5	0.8	1.8	3.2	6.4	12.8
2000 4/.....	*	0.2	0.3	0.9	1.5	2.7	5.3	11.8
1999 4/.....	*	*	0.3	0.7	1.2	2.3	4.5	10.3

ALL RACES 3/, MALE

2001	*	*	0.4	0.7	2.0	3.5	6.2	12.1
2000 4/.....	*	0.3	*	1.0	1.6	2.9	5.8	11.4
1999 4/.....	*	*	*	0.6	1.2	2.7	4.9	9.5

ALL RACES 3/, FEMALE

2001	0.2	*	0.5	0.8	1.8	3.0	6.5	13.1
2000 4/.....	*	*	*	0.8	1.5	2.6	4.9	11.9
1999 4/.....	*	*	*	0.8	1.3	2.0	4.3	10.7

WHITE, BOTH SEXES

2001	0.2	0.2	0.4	0.7	2.0	3.3	6.6	13.5
2000 4/.....	*	0.3	0.3	0.9	1.6	2.9	5.6	12.2
1999 4/.....	*	*	0.3	0.7	1.3	2.3	4.7	10.9

WHITE, MALE

2001	*	*	*	0.7	2.0	3.6	6.2	12.7
2000 4/.....	*	*	*	1.0	1.6	3.0	6.0	11.9
1999 4/.....	*	*	*	0.7	1.3	2.8	5.2	9.9

WHITE, FEMALE

2001	0.3	*	0.5	0.8	1.9	3.2	6.8	13.9
2000 4/.....	*	*	*	0.8	1.6	2.7	5.3	12.3
1999 4/.....	*	*	*	0.8	1.3	2.1	4.4	11.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Certain other intestinal infections (A04,A07-A09)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	8.1
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Tuberculosis (A16-A19)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.4	0.5	0.6	1.0	1.4	2.0	2.8
2000 4/.....	0.3	0.2	0.5	0.7	1.0	1.8	2.4	2.7
1999 4/.....	0.3	0.5	0.6	0.7	1.2	1.8	2.4	4.2

ALL RACES 3/, MALE

2001	0.4	0.7	0.7	0.9	1.5	1.7	2.4	4.4
2000 4/.....	0.5	0.4	0.7	1.0	1.1	2.3	3.8	4.6
1999 4/.....	0.5	0.8	0.9	1.1	1.7	2.4	3.7	7.1

ALL RACES 3/, FEMALE

2001	*	*	*	0.4	0.7	1.1	1.8	2.2
2000 4/.....	*	*	*	0.5	0.9	1.4	1.6	2.0
1999 4/.....	*	*	*	0.4	0.7	1.5	1.7	3.0

WHITE, BOTH SEXES

2001	0.1	0.3	0.3	0.5	0.7	1.1	1.4	2.2
2000 4/.....	0.2	*	0.3	0.5	0.6	1.2	1.7	2.2
1999 4/.....	0.2	0.3	0.4	0.6	0.8	1.3	2.0	3.2

WHITE, MALE

2001	*	0.5	0.5	0.6	0.8	1.4	1.8	3.1
2000 4/.....	0.3	*	*	0.7	0.8	1.5	2.3	3.8
1999 4/.....	0.4	0.5	0.6	0.9	1.1	1.5	3.0	5.4

WHITE, FEMALE

2001	*	*	*	*	0.5	0.9	1.2	1.8
2000 4/.....	*	*	*	*	0.5	1.0	1.4	1.6
1999 4/.....	*	*	*	*	0.5	1.1	1.4	2.4

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Tuberculosis (A16-A19)

BLACK, BOTH SEXES								
2001	1.1	1.6	*	*	3.4	*	*	6.8
2000 4/.....	1.1	*	*	2.8	3.6	5.2	8.8	*
1999 4/.....	1.2	1.7	*	*	3.8	5.5	*	8.6
BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	19.4	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Respiratory tuberculosis (A16)

ALL RACES 3/, BOTH SEXES

2001	0.2	0.4	0.4	0.5	0.8	1.1	1.6	2.4
2000 4/.....	0.2	0.2	0.3	0.5	0.8	1.4	2.1	2.3
1999 4/.....	0.2	0.4	0.5	0.6	0.9	1.5	2.1	3.7

ALL RACES 3/, MALE

2001	0.3	0.6	0.7	0.7	1.2	1.5	2.0	3.8
2000 4/.....	0.4	0.3	0.6	0.9	0.9	1.9	3.2	4.1
1999 4/.....	0.4	0.6	0.9	0.9	1.4	2.0	3.3	6.4

ALL RACES 3/, FEMALE

2001	*	*	*	*	0.5	0.8	1.4	1.8
2000 4/.....	*	*	*	*	0.6	1.1	1.4	1.6
1999 4/.....	*	*	*	*	0.5	1.2	1.4	2.6

WHITE, BOTH SEXES

2001	*	0.2	0.3	0.4	0.5	0.9	1.2	1.8
2000 4/.....	0.2	*	*	0.3	0.5	1.0	1.5	1.9
1999 4/.....	0.1	0.2	0.4	0.5	0.6	1.1	1.7	3.0

WHITE, MALE

2001	*	0.4	0.5	*	0.7	1.2	1.4	2.6
2000 4/.....	0.3	*	*	0.5	0.7	1.3	1.9	3.4
1999 4/.....	*	0.4	0.5	0.7	1.0	1.3	2.6	5.2

WHITE, FEMALE

2001	*	*	*	*	*	0.6	1.0	1.4
2000 4/.....	*	*	*	*	*	0.7	1.2	1.2
1999 4/.....	*	*	*	*	*	0.9	1.1	2.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other tuberculosis (A17-A19)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------------

Whooping cough (A37)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Whooping cough (A37)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Scarlet fever and erysipelas (A38,A46)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Meningococcal infection (A39)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Meningococcal infection (A39)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Septicemia (A40-A41)

ALL RACES 3/, BOTH SEXES

2001	6.2	9.8	15.5	25.3	40.9	67.3	103.9	205.9
2000 4/.....	6.1	9.4	15.2	24.2	38.4	64.0	105.0	215.7
1999 4/.....	5.6	9.0	14.4	24.7	38.3	63.8	102.9	220.7

ALL RACES 3/, MALE

2001	6.7	10.6	16.6	27.8	46.7	78.6	122.3	224.3
2000 4/.....	7.0	10.1	16.7	26.9	43.2	73.9	121.7	223.0
1999 4/.....	6.2	9.7	15.7	27.7	43.7	74.8	120.6	233.5

ALL RACES 3/, FEMALE

2001	5.7	9.1	14.4	23.1	36.2	59.5	92.9	198.3
2000 4/.....	5.2	8.7	13.8	21.8	34.6	57.1	95.2	212.7
1999 4/.....	5.1	8.4	13.1	22.1	34.1	56.2	92.5	215.5

WHITE, BOTH SEXES

2001	4.9	8.1	13.2	22.2	36.8	62.1	98.5	195.3
2000 4/.....	4.9	7.8	12.6	20.7	34.5	58.0	97.4	203.0
1999 4/.....	4.5	7.2	12.1	21.3	33.6	57.6	95.5	205.9

WHITE, MALE

2001	5.3	8.5	14.4	24.4	41.6	72.5	116.0	211.8
2000 4/.....	5.5	8.4	14.0	23.1	39.4	66.7	114.0	209.8
1999 4/.....	4.9	7.6	12.8	23.7	38.2	68.3	111.6	217.4

WHITE, FEMALE

2001	4.5	7.7	12.2	20.4	32.9	54.8	87.9	188.3
2000 4/.....	4.3	7.2	11.3	18.7	30.6	51.9	87.6	200.2
1999 4/.....	4.1	6.9	11.5	19.2	29.9	50.1	86.1	201.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------------

Septicemia (A40-A41)

BLACK, BOTH SEXES

2001	16.9	27.1	38.4	57.4	89.6	139.1	193.1	364.8
2000 4/.....	16.9	24.3	40.2	59.7	86.6	146.4	216.3	392.6
1999 4/.....	15.5	25.4	36.3	57.9	94.6	142.8	209.5	412.3

BLACK, MALE

2001	19.1	33.3	41.5	66.3	111.1	171.0	236.8	424.4
2000 4/.....	21.3	27.8	45.1	68.9	97.0	182.9	250.4	427.8
1999 4/.....	18.1	29.7	46.5	71.4	115.0	166.2	266.8	453.5

BLACK, FEMALE

2001	15.0	22.1	36.0	50.9	75.3	120.1	170.9	342.7
2000 4/.....	13.2	21.5	36.3	52.8	79.7	124.5	199.1	379.5
1999 4/.....	13.3	21.9	28.3	47.9	81.0	128.7	181.1	396.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------------

Syphilis (A50-A53)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Syphilis (A50-A53)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute poliomyelitis (A80)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute poliomyelitis (A80)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Arthropod-borne viral encephalitis (A83-A84,A85.2)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Arthropod-borne viral encephalitis (A83-A84,A85.2)

BLACK, BOTH SEXES								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Measles (B05)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Measles (B05)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Viral hepatitis (B15-B19)

ALL RACES 3/, BOTH SEXES

2001	5.2	4.1	3.8	4.3	4.9	5.1	4.6	3.8
2000 4/.....	4.8	3.7	3.8	4.3	4.9	5.4	5.2	4.0
1999 4/.....	3.8	3.3	3.3	4.5	5.1	5.3	5.4	4.7

ALL RACES 3/, MALE

2001	8.2	5.9	4.5	4.7	4.9	5.1	5.5	4.4
2000 4/.....	7.4	5.2	4.7	4.6	5.0	6.5	6.2	5.7
1999 4/.....	5.9	4.7	3.8	4.9	5.4	6.1	7.3	6.9

ALL RACES 3/, FEMALE

2001	2.4	2.5	3.3	3.9	4.9	5.0	4.1	3.5
2000 4/.....	2.4	2.2	3.1	4.1	4.9	4.6	4.7	3.3
1999 4/.....	1.7	2.1	2.8	4.1	4.9	4.7	4.2	3.9

WHITE, BOTH SEXES

2001	4.7	3.7	3.5	3.8	4.4	4.9	4.4	3.6
2000 4/.....	4.3	3.0	3.4	3.9	4.6	5.3	5.0	3.9
1999 4/.....	3.3	2.9	2.9	4.0	4.6	4.9	5.3	4.5

WHITE, MALE

2001	7.6	5.4	4.1	4.4	4.6	5.2	5.6	4.5
2000 4/.....	6.6	4.4	4.2	4.0	4.6	6.4	5.9	5.7
1999 4/.....	5.2	4.1	3.6	4.6	5.1	5.8	7.7	6.5

WHITE, FEMALE

2001	2.0	2.1	2.9	3.3	4.2	4.6	3.7	3.2
2000 4/.....	2.0	1.8	2.7	3.7	4.5	4.5	4.4	3.2
1999 4/.....	1.5	1.7	2.3	3.5	4.3	4.3	3.9	3.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Viral hepatitis (B15-B19)

BLACK, BOTH SEXES

2001	9.4	7.3	6.0	5.1	6.2	6.1	*	*
2000 4/.....	8.8	6.9	4.6	5.2	6.3	5.7	7.1	*
1999 4/.....	6.7	5.7	4.2	6.6	7.2	6.8	*	6.4

BLACK, MALE

2001	13.9	10.2	7.3	*	*	*	*	*
2000 4/.....	13.9	10.4	5.2	6.8	7.4	*	*	*
1999 4/.....	11.2	7.6	4.5	5.5	*	*	*	*

BLACK, FEMALE

2001	5.5	4.9	5.0	5.4	6.7	7.2	*	*
2000 4/.....	4.4	4.0	4.1	4.0	5.5	*	*	*
1999 4/.....	2.8	4.2	4.0	7.5	7.7	6.6	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Human immunodeficiency virus (HIV) disease (B20-B24)

ALL RACES 3/, BOTH SEXES

2001	8.7	5.8	4.5	2.7	1.4	0.9	0.4	*
2000 4/.....	9.0	5.9	4.1	2.6	1.7	0.9	*	*
1999 4/.....	8.7	5.9	3.5	2.7	1.5	0.7	*	*

ALL RACES 3/, MALE

2001	14.4	9.8	7.1	4.2	2.7	1.8	*	*
2000 4/.....	15.0	10.1	7.0	4.5	2.9	1.8	*	*
1999 4/.....	14.5	10.2	5.9	4.8	2.7	1.3	*	*

ALL RACES 3/, FEMALE

2001	3.3	2.0	2.0	1.4	0.4	*	*	*
2000 4/.....	3.4	2.0	1.5	1.0	0.7	*	*	*
1999 4/.....	3.1	1.9	1.2	1.0	0.6	*	*	*

WHITE, BOTH SEXES

2001	4.5	3.3	2.0	1.2	0.8	0.5	*	*
2000 4/.....	4.7	3.4	2.1	1.3	0.7	0.5	*	*
1999 4/.....	4.9	3.1	1.9	1.4	0.7	0.4	*	*

WHITE, MALE

2001	8.0	5.9	3.4	2.1	1.7	1.0	*	*
2000 4/.....	8.3	6.0	3.7	2.5	1.3	1.0	*	*
1999 4/.....	8.6	5.6	3.5	2.7	1.2	0.8	*	*

WHITE, FEMALE

2001	1.0	0.9	0.7	0.5	*	*	*	*
2000 4/.....	1.2	0.9	0.7	*	*	*	*	*
1999 4/.....	1.2	0.7	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Human immunodeficiency virus (HIV) disease (B20-B24)

BLACK, BOTH SEXES

2001	44.7	28.9	26.2	16.3	8.5	6.4	*	*
2000 4/.....	46.6	29.3	22.0	15.1	11.6	6.2	*	*
1999 4/.....	42.6	32.7	18.3	15.4	11.2	4.8	*	*

BLACK, MALE

2001	72.2	49.9	43.5	26.4	15.5	13.0	*	*
2000 4/.....	77.4	51.0	39.5	26.3	22.4	11.8	*	*
1999 4/.....	70.6	57.5	30.6	27.3	21.4	*	*	*

BLACK, FEMALE

2001	21.2	11.7	12.6	8.8	*	*	*	*
2000 4/.....	20.4	11.5	8.2	6.9	4.4	*	*	*
1999 4/.....	18.8	12.5	8.7	6.5	4.5	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malaria (B50-B54)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malaria (B50-B54)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)

ALL RACES 3/, BOTH SEXES								
2001	1.9	2.4	3.9	5.6	6.9	9.4	12.3	20.1
2000 4/.....	1.8	2.4	3.6	4.7	7.0	10.0	12.9	21.2
1999 4/.....	2.6	3.3	4.4	6.8	8.9	12.6	16.6	27.0
ALL RACES 3/, MALE								
2001	2.4	3.0	4.5	6.2	7.5	11.4	15.9	23.6
2000 4/.....	2.3	2.8	4.0	5.7	8.8	12.1	16.2	27.6
1999 4/.....	3.0	3.5	5.2	8.0	10.5	15.3	20.4	31.9
ALL RACES 3/, FEMALE								
2001	1.5	1.8	3.3	5.1	6.5	8.0	10.1	18.7
2000 4/.....	1.3	2.1	3.2	3.9	5.6	8.5	10.9	18.6
1999 4/.....	2.3	3.1	3.7	5.9	7.7	10.8	14.4	25.1
WHITE, BOTH SEXES								
2001	1.7	2.2	3.6	5.4	6.7	9.3	12.1	20.1
2000 4/.....	1.6	2.3	3.2	4.6	6.8	9.8	12.7	21.0
1999 4/.....	2.2	2.9	3.9	6.4	8.5	12.1	16.1	26.5
WHITE, MALE								
2001	2.2	2.8	4.3	6.0	7.2	11.3	15.9	23.8
2000 4/.....	2.0	2.7	3.6	5.5	8.6	11.6	16.1	26.9
1999 4/.....	2.6	3.3	4.5	7.5	10.2	14.8	18.6	30.6
WHITE, FEMALE								
2001	1.3	1.6	3.1	5.0	6.2	7.8	9.9	18.5
2000 4/.....	1.1	1.9	2.8	3.8	5.4	8.6	10.8	18.7
1999 4/.....	1.9	2.6	3.4	5.6	7.2	10.2	14.6	24.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified infectious and parasitic diseases and their sequelae (A00,A05,A20-A36,A42-A44,A48-A49,A54-A79,A81-A82,A85.0-A85.1,A85.8,A86-B04,B06-B09,B25-B49,B55-B99)

BLACK, BOTH SEXES								
2001	3.4	4.4	6.0	7.1	9.8	9.7	13.3	20.6
2000 4/.....	3.5	4.0	5.9	6.1	9.9	11.6	16.1	24.1
1999 4/.....	5.9	6.3	8.2	10.7	13.1	18.7	23.4	34.1
BLACK, MALE								
2001	4.3	5.5	7.3	9.7	10.4	10.2	16.1	*
2000 4/.....	4.8	4.4	7.2	8.6	12.4	17.0	20.2	32.3
1999 4/.....	6.5	5.8	10.4	12.5	15.9	21.8	41.9	45.7
BLACK, FEMALE								
2001	2.7	3.6	5.0	5.3	9.4	9.4	11.9	20.2
2000 4/.....	2.4	3.6	4.9	4.2	8.2	8.3	14.0	21.0
1999 4/.....	5.3	6.8	6.5	9.4	11.3	16.9	14.3	29.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms (C00-C97)

ALL RACES 3/, BOTH SEXES

2001	164.8	280.7	453.3	673.2	943.5	1,211.7	1,465.9	1,765.6
2000 4/.....	166.2	289.0	463.4	690.6	951.6	1,222.5	1,505.3	1,819.4
1999 4/.....	167.0	295.3	471.6	700.2	963.4	1,224.0	1,493.1	1,805.8

ALL RACES 3/, MALE

2001	174.2	311.6	526.7	814.1	1,178.0	1,568.4	1,978.7	2,613.6
2000 4/.....	173.9	321.3	535.7	834.7	1,190.4	1,586.0	2,050.4	2,710.7
1999 4/.....	174.9	330.6	550.1	848.2	1,212.9	1,600.1	2,046.0	2,722.2

ALL RACES 3/, FEMALE

2001	155.9	251.7	386.7	551.9	757.2	962.0	1,158.6	1,410.7
2000 4/.....	158.8	258.9	398.0	567.2	763.5	969.3	1,183.8	1,456.4
1999 4/.....	159.5	262.3	400.6	573.7	768.4	962.5	1,169.5	1,436.5

WHITE, BOTH SEXES

2001	158.4	272.2	447.1	665.6	938.4	1,207.5	1,458.8	1,765.2
2000 4/.....	159.5	281.1	457.1	685.0	944.1	1,214.2	1,503.0	1,815.7
1999 4/.....	159.9	285.8	462.2	693.1	955.3	1,213.0	1,488.4	1,798.8

WHITE, MALE

2001	165.1	298.2	513.9	797.6	1,160.4	1,547.8	1,950.7	2,597.6
2000 4/.....	164.0	307.0	522.0	819.7	1,166.6	1,559.2	2,026.9	2,693.7
1999 4/.....	164.3	316.0	532.7	831.3	1,191.9	1,571.1	2,024.1	2,696.3

WHITE, FEMALE

2001	152.0	247.4	385.4	549.7	758.6	966.4	1,161.4	1,416.7
2000 4/.....	155.2	256.5	397.2	567.2	765.6	971.5	1,191.3	1,459.1
1999 4/.....	155.5	257.1	397.2	572.5	767.3	961.5	1,172.1	1,438.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms (C00-C97)

BLACK, BOTH SEXES

2001	241.5	404.7	589.4	858.4	1,156.8	1,433.0	1,716.9	1,931.7
2000 4/.....	251.9	407.9	604.6	861.4	1,179.2	1,481.7	1,700.6	1,998.9
1999 4/.....	255.6	429.5	633.9	879.1	1,191.7	1,502.1	1,704.2	2,008.4

BLACK, MALE

2001	280.7	494.9	746.2	1,135.3	1,600.3	2,084.3	2,645.3	3,209.9
2000 4/.....	293.7	512.8	769.2	1,137.3	1,654.9	2,166.0	2,683.2	3,264.8
1999 4/.....	300.8	533.7	815.7	1,159.8	1,644.1	2,205.4	2,642.0	3,340.7

BLACK, FEMALE

2001	208.1	330.6	466.1	653.9	861.4	1,044.2	1,244.0	1,457.5
2000 4/.....	216.2	321.9	474.8	657.8	863.3	1,069.2	1,205.8	1,527.7
1999 4/.....	217.2	344.4	491.4	671.1	891.6	1,078.5	1,239.4	1,510.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)

ALL RACES 3/, BOTH SEXES

2001	3.5	6.1	7.9	9.4	11.6	13.5	15.2	18.5
2000 4/.....	3.8	5.7	8.1	9.9	11.5	12.6	14.0	19.4
1999 4/.....	3.6	5.8	8.1	9.3	11.3	13.5	15.4	19.3

ALL RACES 3/, MALE

2001	5.8	10.0	13.0	14.3	17.9	19.6	22.1	25.8
2000 4/.....	6.0	9.5	12.7	15.2	16.9	18.7	20.2	27.1
1999 4/.....	5.7	9.0	13.1	14.3	17.4	20.1	22.3	27.1

ALL RACES 3/, FEMALE

2001	1.4	2.4	3.3	5.1	6.6	9.3	11.1	15.4
2000 4/.....	1.6	2.2	3.9	5.4	7.2	8.3	10.4	16.3
1999 4/.....	1.6	2.7	3.6	5.1	6.6	9.0	11.3	16.1

WHITE, BOTH SEXES

2001	3.2	5.5	7.3	8.7	11.4	13.6	15.5	19.0
2000 4/.....	3.2	5.0	7.3	9.4	11.1	12.5	14.0	19.7
1999 4/.....	3.0	5.0	7.5	8.9	11.0	13.2	15.5	19.8

WHITE, MALE

2001	5.2	8.9	11.8	13.2	17.1	19.2	22.3	26.4
2000 4/.....	4.9	8.3	11.2	14.0	15.9	18.0	19.9	27.6
1999 4/.....	4.7	7.6	12.0	13.5	16.8	19.3	22.0	27.3

WHITE, FEMALE

2001	1.2	2.2	3.2	4.8	6.7	9.6	11.3	15.9
2000 4/.....	1.6	1.9	3.6	5.3	7.2	8.6	10.6	16.5
1999 4/.....	1.3	2.5	3.3	4.9	6.4	9.0	11.7	16.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)

BLACK, BOTH SEXES

2001	6.2	12.2	13.1	15.3	15.7	14.2	13.3	12.9
2000 4/.....	8.3	12.2	15.2	14.9	16.1	14.6	15.8	15.3
1999 4/.....	8.8	12.6	14.6	14.4	16.2	17.7	15.6	14.3

BLACK, MALE

2001	10.8	22.2	24.8	25.4	29.3	25.1	20.9	*
2000 4/.....	15.9	21.9	27.3	27.6	29.1	28.8	28.7	*
1999 4/.....	14.5	21.5	25.2	24.1	26.5	33.2	28.8	24.6

BLACK, FEMALE

2001	2.2	4.0	3.8	7.9	6.7	7.8	9.4	10.5
2000 4/.....	*	4.2	5.6	5.6	7.5	6.0	9.3	14.2
1999 4/.....	3.9	5.3	6.3	7.1	9.5	8.3	9.1	10.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of esophagus (C15)

ALL RACES 3/, BOTH SEXES

2001	5.0	7.9	13.0	18.5	22.9	26.1	26.5	25.8
2000 4/.....	4.9	8.8	13.2	17.9	22.1	24.5	27.2	25.9
1999 4/.....	4.7	8.7	13.0	18.2	22.0	24.3	24.6	26.8

ALL RACES 3/, MALE

2001	8.7	13.7	22.6	32.6	39.9	46.5	48.8	48.1
2000 4/.....	8.7	15.2	23.0	30.7	38.0	43.9	48.8	47.8
1999 4/.....	8.3	15.3	21.9	31.7	39.3	44.1	44.8	48.0

ALL RACES 3/, FEMALE

2001	1.4	2.4	4.2	6.4	9.4	11.9	13.2	16.5
2000 4/.....	1.4	2.8	4.4	7.1	9.6	11.0	14.5	17.1
1999 4/.....	1.3	2.5	5.0	6.7	8.5	10.5	12.8	18.3

WHITE, BOTH SEXES

2001	4.6	7.1	12.3	17.7	22.1	26.2	26.9	26.3
2000 4/.....	4.5	8.1	12.4	17.4	21.8	24.0	27.2	26.6
1999 4/.....	4.3	8.0	12.1	17.5	21.5	23.7	24.9	27.2

WHITE, MALE

2001	8.1	12.5	21.6	31.2	39.0	46.9	49.5	48.8
2000 4/.....	8.0	14.1	22.0	30.0	37.5	43.2	49.7	49.3
1999 4/.....	7.6	14.1	20.5	30.8	38.4	43.0	45.6	48.0

WHITE, FEMALE

2001	1.2	1.9	3.7	5.8	8.5	11.6	13.2	16.8
2000 4/.....	1.1	2.4	3.6	6.4	9.1	10.6	13.8	17.3
1999 4/.....	1.0	2.1	4.4	5.8	8.0	10.1	12.6	18.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of esophagus (C15)

BLACK, BOTH SEXES

2001	8.6	15.9	21.9	29.6	35.8	30.7	27.6	23.6
2000 4/.....	9.8	16.9	23.3	27.0	29.6	36.1	29.9	22.2
1999 4/.....	9.4	17.1	23.5	28.7	31.3	35.7	23.7	23.9

BLACK, MALE

2001	15.3	27.5	38.8	51.8	59.9	55.3	53.8	46.5
2000 4/.....	17.4	30.5	38.5	44.8	49.8	65.7	45.5	38.1
1999 4/.....	16.4	30.3	40.3	46.5	56.0	67.9	36.6	51.6

BLACK, FEMALE

2001	2.9	6.3	8.6	13.1	19.7	16.1	14.3	15.2
2000 4/.....	3.4	5.8	11.3	13.8	16.2	18.2	22.1	16.3
1999 4/.....	3.4	6.4	10.3	15.6	14.9	16.3	17.3	13.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Malignant neoplasm of stomach (C16)

ALL RACES 3/, BOTH SEXES

2001	3.7	5.3	9.2	13.7	19.5	27.0	34.7	45.4
2000 4/.....	3.6	5.6	9.7	13.8	19.6	27.1	36.9	52.7
1999 4/.....	3.8	6.2	9.8	14.2	20.2	28.1	36.8	50.1

ALL RACES 3/, MALE

2001	4.9	7.5	13.7	19.5	27.5	39.1	49.4	62.6
2000 4/.....	4.8	7.8	14.1	19.5	28.3	39.4	51.4	75.6
1999 4/.....	5.4	8.8	13.7	20.3	28.6	41.5	54.9	71.3

ALL RACES 3/, FEMALE

2001	2.5	3.2	5.1	8.8	13.1	18.5	25.9	38.3
2000 4/.....	2.4	3.5	5.8	8.9	12.7	18.5	28.3	43.4
1999 4/.....	2.4	3.7	6.4	9.1	13.7	18.8	26.2	41.6

WHITE, BOTH SEXES

2001	3.1	4.7	7.9	11.7	17.4	24.0	31.0	41.1
2000 4/.....	3.1	4.9	8.5	11.9	17.2	23.6	32.7	47.3
1999 4/.....	3.1	5.2	8.3	12.8	17.7	24.8	33.0	44.8

WHITE, MALE

2001	4.1	6.5	11.7	16.3	24.5	35.4	44.0	57.7
2000 4/.....	4.2	6.7	12.5	17.1	25.1	34.6	46.1	68.9
1999 4/.....	4.4	7.6	11.5	18.4	25.2	36.9	49.0	63.4

WHITE, FEMALE

2001	2.1	2.9	4.3	7.7	11.7	16.0	23.1	34.1
2000 4/.....	2.0	3.1	4.9	7.4	10.9	15.8	24.7	38.6
1999 4/.....	1.9	2.9	5.4	8.0	11.7	16.3	23.5	37.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of stomach (C16)

BLACK, BOTH SEXES

2001	7.5	9.2	17.7	27.1	34.7	51.1	69.9	88.1
2000 4/.....	7.0	11.1	17.3	26.8	38.2	56.9	75.1	101.7
1999 4/.....	8.5	13.2	19.1	23.6	40.3	58.6	74.3	102.4

BLACK, MALE

2001	11.5	13.8	27.5	43.7	54.2	75.7	106.7	104.4
2000 4/.....	9.6	16.5	25.9	38.5	57.2	83.2	105.4	136.1
1999 4/.....	12.2	19.0	28.2	35.1	60.4	89.3	121.2	147.6

BLACK, FEMALE

2001	4.1	5.4	10.1	14.8	21.7	36.3	51.1	82.1
2000 4/.....	4.7	6.6	10.5	18.2	25.5	41.0	59.9	88.9
1999 4/.....	5.4	8.4	12.0	15.2	27.0	40.0	51.0	85.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of colon, rectum and anus (C18-C21)

ALL RACES 3/, BOTH SEXES

2001	15.2	25.4	39.3	62.9	88.8	121.1	165.8	255.7
2000 4/.....	14.7	25.2	42.0	62.0	92.4	126.9	174.8	270.4
1999 4/.....	14.4	25.3	43.6	63.9	91.9	129.0	173.2	271.7

ALL RACES 3/, MALE

2001	17.1	30.8	48.0	78.9	110.4	149.4	201.3	298.3
2000 4/.....	17.0	30.6	51.0	77.4	115.7	159.4	213.0	315.6
1999 4/.....	16.6	30.6	52.9	78.0	114.3	161.3	216.2	324.0

ALL RACES 3/, FEMALE

2001	13.4	20.4	31.5	49.2	71.5	101.2	144.6	237.8
2000 4/.....	12.4	20.2	33.9	48.8	74.1	104.3	152.2	251.9
1999 4/.....	12.3	20.4	35.1	51.8	74.3	106.6	148.0	250.6

WHITE, BOTH SEXES

2001	14.3	23.9	37.9	60.8	86.8	118.0	163.7	255.3
2000 4/.....	13.8	23.7	40.5	60.3	90.6	125.0	172.1	269.2
1999 4/.....	13.5	23.8	42.0	62.0	90.0	126.9	170.8	270.9

WHITE, MALE

2001	16.4	29.3	46.7	76.7	108.7	146.7	198.9	297.3
2000 4/.....	16.1	28.6	49.1	75.3	113.5	157.6	208.6	313.3
1999 4/.....	15.8	28.8	51.1	76.1	113.3	158.1	214.4	324.5

WHITE, FEMALE

2001	12.2	18.8	29.8	46.9	69.1	97.7	142.5	237.7
2000 4/.....	11.5	19.1	32.6	47.2	72.3	102.1	150.4	251.3
1999 4/.....	11.2	19.2	33.6	49.7	71.5	104.9	145.1	249.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of colon, rectum and anus (C18-C21)

BLACK, BOTH SEXES

2001	24.6	43.1	58.3	90.9	120.3	172.6	211.0	286.5
2000 4/.....	24.8	39.9	62.7	86.9	126.1	167.4	226.2	310.0
1999 4/.....	23.4	42.0	65.7	90.5	125.4	172.3	226.8	306.1

BLACK, MALE

2001	26.4	51.3	67.7	114.1	146.8	208.2	263.2	347.2
2000 4/.....	29.2	51.4	76.4	109.3	160.1	208.9	298.4	377.1
1999 4/.....	26.9	54.1	80.4	110.6	147.6	228.0	274.7	350.4

BLACK, FEMALE

2001	23.1	36.3	50.9	73.8	102.7	151.4	184.4	264.0
2000 4/.....	21.1	30.5	52.0	70.5	103.4	142.4	189.8	285.0
1999 4/.....	20.5	32.1	54.2	75.6	110.7	138.7	203.1	289.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of liver and intrahepatic bile ducts (C22)

ALL RACES 3/, BOTH SEXES

2001	5.8	7.5	11.6	16.3	21.5	27.0	32.0	34.1
2000 4/.....	5.4	7.7	11.3	16.0	21.6	27.1	31.3	32.7
1999 4/.....	4.9	7.1	10.9	16.3	21.8	26.1	30.9	30.6

ALL RACES 3/, MALE

2001	9.7	11.4	17.2	23.5	30.6	39.2	43.9	50.3
2000 4/.....	8.5	11.7	16.5	23.6	30.9	39.3	46.7	44.7
1999 4/.....	7.6	10.6	15.6	23.7	31.9	36.6	42.9	40.1

ALL RACES 3/, FEMALE

2001	2.1	3.9	6.5	10.2	14.2	18.4	24.8	27.2
2000 4/.....	2.4	4.0	6.5	9.5	14.2	18.6	22.2	27.8
1999 4/.....	2.3	3.8	6.6	10.1	13.8	18.7	23.9	26.8

WHITE, BOTH SEXES

2001	4.9	6.4	10.5	15.1	20.2	26.1	30.4	33.3
2000 4/.....	4.4	6.6	10.0	14.6	20.2	25.8	30.7	32.0
1999 4/.....	4.2	5.9	9.7	15.2	20.5	25.2	30.2	29.9

WHITE, MALE

2001	8.1	9.5	15.7	22.1	29.1	37.7	42.6	49.7
2000 4/.....	6.8	9.6	14.4	21.4	28.9	38.1	45.8	43.1
1999 4/.....	6.3	8.8	13.9	21.9	30.2	35.3	42.4	40.6

WHITE, FEMALE

2001	1.9	3.4	5.7	8.9	13.0	17.8	23.1	26.5
2000 4/.....	2.0	3.6	5.9	8.5	13.2	17.1	21.7	27.4
1999 4/.....	2.1	3.1	5.8	9.3	12.8	18.1	23.0	25.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of liver and intrahepatic bile ducts (C22)

BLACK, BOTH SEXES

2001	10.7	15.2	14.3	20.0	24.0	26.9	40.9	35.0
2000 4/.....	10.6	12.7	15.8	20.9	26.9	28.8	28.5	31.6
1999 4/.....	8.1	12.0	14.7	21.1	28.0	26.6	33.8	34.4

BLACK, MALE

2001	18.6	25.3	21.4	28.0	32.7	39.5	49.0	42.0
2000 4/.....	17.7	22.1	25.3	34.1	41.5	36.4	45.5	48.4
1999 4/.....	14.2	18.6	21.6	32.2	42.1	40.4	42.7	30.5

BLACK, FEMALE

2001	3.9	6.8	8.8	14.1	18.2	19.4	36.8	32.4
2000 4/.....	4.7	5.0	8.3	11.1	17.3	24.2	20.0	25.3
1999 4/.....	2.9	6.5	9.3	12.9	18.7	18.3	29.4	35.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of pancreas (C25)

ALL RACES 3/, BOTH SEXES								
2001	8.6	14.9	24.8	37.0	52.8	67.2	84.2	100.1
2000 4/.....	8.7	15.1	24.8	37.2	51.4	70.4	85.7	96.4
1999 4/.....	8.7	15.6	25.0	38.1	52.5	67.2	82.0	99.7
ALL RACES 3/, MALE								
2001	10.7	18.5	30.3	43.6	59.0	77.2	94.9	105.1
2000 4/.....	11.1	18.5	30.0	44.7	57.0	80.4	94.9	102.9
1999 4/.....	11.0	19.1	29.9	44.9	60.9	75.7	92.0	107.5
ALL RACES 3/, FEMALE								
2001	6.5	11.5	19.8	31.3	47.8	60.1	77.8	98.1
2000 4/.....	6.4	11.8	20.0	30.8	47.1	63.5	80.2	93.8
1999 4/.....	6.5	12.3	20.5	32.2	46.0	61.2	76.1	96.6
WHITE, BOTH SEXES								
2001	8.3	14.4	24.7	36.3	51.7	66.3	83.3	99.0
2000 4/.....	8.4	14.5	24.3	36.2	50.4	69.2	84.5	94.7
1999 4/.....	8.2	14.8	24.3	37.2	51.5	65.8	80.6	98.6
WHITE, MALE								
2001	10.5	18.2	30.3	42.8	58.0	77.0	94.5	106.5
2000 4/.....	10.7	17.8	29.6	44.3	55.9	79.9	94.0	102.4
1999 4/.....	10.3	17.9	29.2	44.0	60.1	74.6	90.9	107.4
WHITE, FEMALE								
2001	6.3	10.8	19.6	30.6	46.5	58.7	76.5	95.9
2000 4/.....	6.1	11.4	19.4	29.2	46.0	61.6	78.9	91.5
1999 4/.....	6.3	11.9	19.9	31.3	44.6	59.5	74.5	95.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of pancreas (C25)

BLACK, BOTH SEXES

2001	12.1	20.7	31.6	48.5	70.8	84.9	104.8	121.3
2000 4/.....	13.2	22.8	33.3	50.3	69.8	93.8	104.2	119.8
1999 4/.....	14.1	25.0	32.2	50.9	70.1	87.5	104.6	118.6

BLACK, MALE

2001	15.2	24.2	38.2	60.0	78.8	95.2	109.2	99.8
2000 4/.....	17.5	29.3	40.4	55.7	78.9	101.6	116.3	109.6
1999 4/.....	19.5	34.1	39.5	60.0	78.4	100.7	117.7	114.8

BLACK, FEMALE

2001	9.6	17.8	26.4	40.0	65.5	78.8	102.6	129.2
2000 4/.....	9.4	17.4	27.8	46.3	63.7	89.1	98.1	123.6
1999 4/.....	9.5	17.6	26.5	44.3	64.6	79.5	98.1	120.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of larynx (C32)

ALL RACES 3/, BOTH SEXES

2001	1.5	2.9	4.5	5.6	7.3	7.4	6.9	6.7
2000 4/.....	1.5	2.9	4.5	6.0	7.3	8.0	8.1	6.5
1999 4/.....	1.5	3.1	4.6	6.1	7.4	7.2	7.4	7.0

ALL RACES 3/, MALE

2001	2.5	4.9	7.5	9.5	12.9	14.5	13.9	18.3
2000 4/.....	2.5	4.9	7.9	10.0	12.9	14.8	17.1	17.4
1999 4/.....	2.6	5.4	7.8	10.4	12.6	13.2	15.8	17.8

ALL RACES 3/, FEMALE

2001	0.5	1.0	1.7	2.2	2.8	2.5	2.8	1.9
2000 4/.....	0.6	0.9	1.4	2.6	2.8	3.3	2.8	2.1
1999 4/.....	0.4	1.0	1.7	2.5	3.3	3.0	2.6	2.6

WHITE, BOTH SEXES

2001	1.2	2.5	4.1	5.2	6.7	7.0	6.8	6.6
2000 4/.....	1.3	2.4	3.9	5.6	6.7	7.5	8.0	6.6
1999 4/.....	1.3	2.7	4.2	5.7	7.1	7.1	7.3	6.7

WHITE, MALE

2001	2.0	4.2	6.9	8.8	11.9	13.3	13.2	18.3
2000 4/.....	2.1	4.1	6.8	9.2	11.7	13.9	16.8	17.6
1999 4/.....	2.2	4.6	7.0	9.6	12.0	12.9	15.1	16.8

WHITE, FEMALE

2001	0.4	0.9	1.5	2.1	2.6	2.5	2.9	1.7
2000 4/.....	0.5	0.9	1.3	2.5	2.6	3.0	2.7	2.1
1999 4/.....	0.3	1.0	1.5	2.3	3.3	3.0	2.7	2.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of larynx (C32)

BLACK, BOTH SEXES

2001	3.8	7.1	8.9	9.5	13.9	13.4	9.2	8.3
2000 4/.....	4.1	7.5	10.8	10.6	15.3	15.6	11.6	6.9
1999 4/.....	3.9	7.5	10.0	11.4	11.8	10.2	9.8	8.3

BLACK, MALE

2001	7.0	13.0	15.9	17.5	26.3	30.7	22.5	*
2000 4/.....	7.6	14.3	20.7	19.8	30.1	29.3	27.0	*
1999 4/.....	6.9	14.4	17.8	21.0	22.7	19.9	27.9	24.6

BLACK, FEMALE

2001	*	*	3.4	*	5.6	*	*	*
2000 4/.....	*	*	*	3.8	5.5	7.4	*	*
1999 4/.....	*	*	3.8	4.2	4.5	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of trachea, bronchus and lung (C33-C34)

ALL RACES 3/, BOTH SEXES

2001	42.3	88.8	154.5	239.7	323.2	373.4	368.6	302.7
2000 4/.....	43.8	92.5	159.8	245.8	325.4	368.2	374.7	302.1
1999 4/.....	44.4	93.0	160.7	243.6	322.3	361.7	362.6	297.0

ALL RACES 3/, MALE

2001	52.2	109.6	195.7	312.9	434.7	522.3	541.0	512.4
2000 4/.....	53.2	115.9	202.3	322.5	440.5	516.5	558.1	521.2
1999 4/.....	54.4	118.1	207.7	322.4	439.2	513.4	551.3	529.2

ALL RACES 3/, FEMALE

2001	32.8	69.2	117.2	176.7	234.5	269.1	265.2	215.0
2000 4/.....	34.7	70.5	121.3	180.2	234.7	264.9	266.6	212.8
1999 4/.....	34.9	69.5	118.1	176.1	230.9	256.2	252.2	203.5

WHITE, BOTH SEXES

2001	40.9	87.9	155.9	242.0	327.4	377.2	371.2	305.4
2000 4/.....	42.2	91.5	161.2	248.2	328.0	370.7	380.7	304.5
1999 4/.....	42.6	92.0	160.6	244.5	324.6	362.9	365.2	298.8

WHITE, MALE

2001	49.0	105.6	193.4	309.8	432.8	519.4	537.4	513.9
2000 4/.....	49.5	111.5	200.5	319.1	436.8	511.6	560.0	522.4
1999 4/.....	50.5	114.3	203.1	317.9	435.0	508.8	548.0	531.5

WHITE, FEMALE

2001	33.1	71.0	121.3	182.5	242.1	276.4	270.7	218.1
2000 4/.....	35.0	72.5	125.0	186.2	240.7	271.6	274.1	215.9
1999 4/.....	35.0	70.8	121.6	180.5	236.9	260.4	257.3	205.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of trachea, bronchus and lung (C33-C34)

BLACK, BOTH SEXES

2001	63.5	119.3	182.2	273.6	347.6	395.1	370.3	280.7
2000 4/.....	69.3	123.1	188.7	279.9	359.1	394.9	343.3	288.1
1999 4/.....	70.8	125.2	198.4	282.1	351.1	402.9	363.5	290.5

BLACK, MALE

2001	92.4	174.1	268.7	418.8	552.7	659.8	659.7	549.2
2000 4/.....	100.4	185.2	271.7	432.2	561.6	656.8	617.1	562.8
1999 4/.....	103.6	186.3	301.7	429.2	556.6	658.7	665.3	574.2

BLACK, FEMALE

2001	38.8	74.3	114.1	166.3	211.0	237.1	222.8	181.0
2000 4/.....	42.7	72.2	123.2	167.6	224.7	237.0	205.5	185.9
1999 4/.....	42.9	75.3	117.3	173.2	214.7	248.9	213.9	184.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Malignant melanoma of skin (C43)

ALL RACES 3/, BOTH SEXES

2001	3.6	4.6	6.1	7.8	10.7	12.4	14.7	17.8
2000 4/.....	3.8	4.7	6.3	7.9	10.0	12.0	14.9	18.9
1999 4/.....	3.6	4.7	6.1	8.3	9.7	12.9	14.2	16.4

ALL RACES 3/, MALE

2001	4.7	6.3	8.8	11.9	16.3	19.6	24.0	29.9
2000 4/.....	5.2	6.5	8.7	11.2	14.7	18.4	24.7	31.8
1999 4/.....	4.6	6.7	8.4	12.0	14.6	19.8	22.7	27.5

ALL RACES 3/, FEMALE

2001	2.6	3.0	3.7	4.3	6.4	7.3	9.2	12.8
2000 4/.....	2.4	3.0	4.1	5.0	6.3	7.5	9.1	13.7
1999 4/.....	2.6	2.8	4.0	5.2	5.8	8.1	9.2	11.9

WHITE, BOTH SEXES

2001	4.3	5.3	7.0	8.8	11.9	13.6	15.9	19.3
2000 4/.....	4.4	5.3	7.2	8.9	11.0	13.1	16.0	20.3
1999 4/.....	4.2	5.4	6.9	9.4	10.7	14.0	15.3	17.6

WHITE, MALE

2001	5.5	7.2	10.0	13.3	18.0	21.5	26.1	32.7
2000 4/.....	6.0	7.3	9.9	12.5	16.2	20.1	26.6	34.7
1999 4/.....	5.3	7.7	9.5	13.4	16.2	21.5	24.5	29.7

WHITE, FEMALE

2001	3.1	3.5	4.2	4.8	7.0	8.0	9.8	13.7
2000 4/.....	2.8	3.4	4.6	5.7	6.9	8.2	9.7	14.5
1999 4/.....	3.0	3.3	4.6	5.8	6.4	8.8	9.9	12.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant melanoma of skin (C43)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	6.6
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of breast (C50)

ALL RACES 3/, BOTH SEXES

2001	20.6	27.1	34.1	41.7	54.0	69.1	88.0	134.2
2000 4/.....	20.8	28.1	35.0	43.4	55.2	70.9	90.9	147.4
1999 4/.....	21.0	28.1	34.8	43.5	55.9	70.0	92.4	144.4

ALL RACES 3/, MALE

2001	0.4	0.5	0.8	1.2	1.7	2.3	2.4	3.5
2000 4/.....	0.3	0.7	0.8	1.1	1.7	2.1	2.4	4.2
1999 4/.....	0.4	0.6	0.7	1.1	1.4	1.9	2.3	4.5

ALL RACES 3/, FEMALE

2001	40.1	52.0	64.3	76.5	95.6	115.9	139.4	188.9
2000 4/.....	40.4	53.8	66.0	79.6	97.3	118.8	143.1	205.7
1999 4/.....	40.8	53.9	65.6	79.7	98.4	117.4	145.1	200.8

WHITE, BOTH SEXES

2001	19.4	25.8	33.3	40.9	53.6	69.4	88.2	134.8
2000 4/.....	19.7	26.9	34.4	43.3	55.5	71.1	91.7	147.3
1999 4/.....	19.8	26.8	33.8	42.8	55.5	69.7	92.8	146.0

WHITE, MALE

2001	0.3	0.5	0.7	1.2	1.6	2.1	2.3	3.3
2000 4/.....	0.3	0.6	0.7	1.1	1.7	2.2	2.3	3.9
1999 4/.....	0.3	0.5	0.6	1.0	1.3	1.8	2.2	4.4

WHITE, FEMALE

2001	38.1	50.1	63.4	75.7	95.8	117.0	140.0	189.9
2000 4/.....	38.7	51.8	65.4	80.2	98.6	119.7	144.9	205.5
1999 4/.....	38.9	51.7	64.4	79.2	98.6	117.4	146.3	202.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of breast (C50)

BLACK, BOTH SEXES

2001	33.1	42.4	47.4	58.0	70.4	83.5	105.9	152.0
2000 4/.....	32.8	43.9	47.3	52.7	65.6	84.2	100.5	176.4
1999 4/.....	34.7	44.4	48.6	57.8	69.9	88.0	104.9	147.3

BLACK, MALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

BLACK, FEMALE

2001	60.5	76.7	83.7	99.5	115.0	130.9	157.8	205.9
2000 4/.....	60.4	78.8	83.3	91.0	107.4	133.6	149.0	238.7
1999 4/.....	63.3	79.6	85.2	99.5	114.1	139.3	154.7	199.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of cervix uteri (C53)

ALL RACES 3/, BOTH SEXES

2001	2.6	2.6	3.2	2.9	3.5	4.0	5.5	7.2
2000 4/.....	2.7	3.1	3.1	3.6	3.9	4.3	5.6	7.3
1999 4/.....	2.7	3.0	3.5	3.7	3.9	4.7	4.6	7.9

ALL RACES 3/, FEMALE

2001	5.1	5.1	6.0	5.4	6.3	6.8	8.9	10.1
2000 4/.....	5.2	6.0	5.9	6.7	6.9	7.3	9.0	10.3
1999 4/.....	5.2	5.8	6.7	6.8	6.9	8.0	7.2	11.1

WHITE, BOTH SEXES

2001	2.3	2.3	2.9	2.4	3.0	3.4	4.7	6.2
2000 4/.....	2.4	2.7	2.6	2.9	3.3	3.8	5.0	6.3
1999 4/.....	2.5	2.7	3.0	3.1	3.1	4.0	4.1	6.8

WHITE, FEMALE

2001	4.6	4.6	5.5	4.4	5.5	5.8	7.6	8.8
2000 4/.....	4.7	5.3	5.0	5.5	5.9	6.5	8.0	8.8
1999 4/.....	5.0	5.2	5.7	5.9	5.5	6.8	6.5	9.5

BLACK, BOTH SEXES

2001	4.4	4.6	5.9	7.9	7.7	9.7	15.2	19.0
2000 4/.....	4.9	6.2	6.4	9.4	9.7	10.8	13.6	19.7
1999 4/.....	4.1	6.1	8.3	8.7	13.1	12.3	9.5	21.7

BLACK, FEMALE

2001	8.2	8.3	10.6	13.7	12.8	15.5	22.9	26.1
2000 4/.....	9.1	11.2	11.4	16.3	16.2	17.4	20.4	27.0
1999 4/.....	7.5	11.1	14.8	15.2	21.8	19.7	14.3	29.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of corpus uteri and uterus, part unspecified (C54-C55)

ALL RACES 3/, BOTH SEXES

2001	2.0	3.2	5.8	8.2	11.4	14.5	19.2	24.7
2000 4/.....	1.8	3.5	6.0	8.4	11.1	14.0	18.6	24.7
1999 4/.....	1.7	3.3	5.5	8.8	10.9	14.4	19.4	24.0

ALL RACES 3/, FEMALE

2001	4.0	6.2	11.1	15.3	20.4	24.6	30.7	35.0
2000 4/.....	3.5	6.9	11.4	15.6	19.8	23.8	29.5	34.8
1999 4/.....	3.3	6.3	10.5	16.2	19.5	24.5	30.7	33.7

WHITE, BOTH SEXES

2001	1.9	3.1	5.2	7.2	10.5	13.7	18.6	24.5
2000 4/.....	1.8	3.4	5.4	7.3	9.9	13.0	17.5	24.4
1999 4/.....	1.6	3.0	5.2	7.6	10.2	13.7	18.8	23.4

WHITE, FEMALE

2001	3.8	6.1	9.9	13.6	18.9	23.5	29.8	34.7
2000 4/.....	3.5	6.7	10.3	13.6	17.8	22.2	28.0	34.3
1999 4/.....	3.2	5.9	9.9	14.2	18.4	23.3	30.0	32.8

BLACK, BOTH SEXES

2001	2.9	4.6	11.6	18.8	24.2	26.6	31.1	32.2
2000 4/.....	2.4	5.3	12.0	19.6	26.4	27.7	35.0	33.2
1999 4/.....	2.2	5.8	10.5	20.9	21.8	25.7	29.8	35.4

BLACK, FEMALE

2001	5.4	8.3	20.8	32.7	40.4	42.4	47.0	44.2
2000 4/.....	4.4	9.6	21.4	34.0	44.0	44.4	52.6	45.5
1999 4/.....	4.1	10.5	18.8	36.4	36.2	41.2	44.5	48.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Malignant neoplasm of ovary (C56)

ALL RACES 3/, BOTH SEXES

2001	5.5	8.3	13.0	17.6	22.6	30.2	37.4	39.6
2000 4/.....	5.5	8.3	12.2	17.5	21.8	30.9	36.5	40.9
1999 4/.....	5.5	8.3	12.6	17.0	22.4	29.2	35.5	37.6

ALL RACES 3/, FEMALE

2001	10.8	16.0	24.7	32.8	40.5	51.4	59.8	56.1
2000 4/.....	10.8	16.1	23.3	32.5	39.0	52.5	58.0	57.6
1999 4/.....	10.8	16.0	24.0	31.6	39.9	49.5	56.2	52.8

WHITE, BOTH SEXES

2001	5.7	8.5	13.2	18.1	23.3	31.1	38.6	40.4
2000 4/.....	5.6	8.7	12.7	18.0	22.4	32.0	37.6	42.0
1999 4/.....	5.7	8.6	13.0	17.5	22.9	29.6	36.4	38.7

WHITE, FEMALE

2001	11.4	16.6	25.3	33.9	42.2	53.1	61.9	57.3
2000 4/.....	11.1	17.0	24.5	33.7	40.3	54.5	60.0	59.0
1999 4/.....	11.2	16.8	25.1	32.8	41.0	50.5	57.9	54.3

BLACK, BOTH SEXES

2001	4.4	7.9	12.6	16.3	20.7	26.2	27.9	36.5
2000 4/.....	4.8	6.4	10.9	16.8	19.6	26.1	27.4	34.4
1999 4/.....	5.0	7.2	11.4	15.0	22.7	28.9	28.3	28.7

BLACK, FEMALE

2001	8.1	14.4	22.6	28.3	34.5	41.9	42.1	50.1
2000 4/.....	8.8	11.6	19.4	29.2	32.6	41.9	41.2	47.2
1999 4/.....	9.3	13.2	20.3	26.2	37.8	46.3	42.3	39.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Malignant neoplasm of prostate (C61)

ALL RACES 3/, BOTH SEXES

2001	1.7	4.6	11.3	25.0	47.4	82.4	133.2	200.9
2000 4/.....	1.5	4.6	12.1	25.9	49.0	85.1	136.6	209.3
1999 4/.....	1.6	4.9	12.3	28.4	51.9	89.0	141.4	207.5

ALL RACES 3/, MALE

2001	3.5	9.4	23.8	53.9	107.1	200.1	355.4	681.2
2000 4/.....	3.1	9.6	25.4	56.0	111.3	207.4	368.2	723.1
1999 4/.....	3.3	10.1	25.8	61.6	118.3	216.9	383.0	722.4

WHITE, BOTH SEXES

2001	1.4	3.9	9.7	22.1	42.2	75.3	123.3	189.4
2000 4/.....	1.3	3.8	10.4	22.4	43.2	77.6	125.8	198.6
1999 4/.....	1.4	4.2	10.2	24.9	46.4	81.1	132.9	195.2

WHITE, MALE

2001	2.8	8.0	20.2	47.3	94.3	181.5	327.2	641.8
2000 4/.....	2.6	7.9	21.6	48.0	97.0	188.0	337.4	687.5
1999 4/.....	2.8	8.6	21.2	53.4	104.7	196.5	358.0	681.0

BLACK, BOTH SEXES

2001	4.8	11.8	28.7	57.4	114.7	180.8	280.3	362.9
2000 4/.....	3.6	12.9	29.5	64.7	120.7	190.1	292.8	356.6
1999 4/.....	4.2	12.0	33.4	68.7	123.4	196.6	273.0	366.4

BLACK, MALE

2001	10.4	26.1	65.1	135.2	286.8	483.7	830.7	1,341.2
2000 4/.....	7.8	28.7	66.9	152.5	302.6	505.6	874.2	1,314.7
1999 4/.....	9.2	26.6	76.0	161.5	309.3	522.9	824.0	1,346.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of kidney and renal pelvis (C64-C65)

ALL RACES 3/, BOTH SEXES

2001	4.4	7.1	11.9	14.6	20.8	24.4	29.1	32.3
2000 4/.....	4.5	7.6	10.8	15.0	19.4	24.5	29.6	33.8
1999 4/.....	4.3	7.3	10.8	14.4	19.2	23.1	26.9	31.4

ALL RACES 3/, MALE

2001	6.5	10.5	17.2	21.0	30.0	34.4	42.2	52.9
2000 4/.....	6.6	11.2	15.6	21.4	27.4	34.6	44.2	55.1
1999 4/.....	6.1	10.6	15.8	20.3	27.3	33.7	38.9	49.4

ALL RACES 3/, FEMALE

2001	2.4	3.9	7.0	9.1	13.5	17.4	21.2	23.7
2000 4/.....	2.4	4.3	6.5	9.5	13.0	17.5	21.0	25.1
1999 4/.....	2.5	4.3	6.2	9.3	12.8	15.7	19.9	24.1

WHITE, BOTH SEXES

2001	4.4	7.2	12.1	15.3	21.3	24.7	29.5	32.8
2000 4/.....	4.6	7.8	11.1	15.4	19.7	24.9	30.0	34.5
1999 4/.....	4.3	7.5	11.2	14.8	19.4	23.4	27.3	31.5

WHITE, MALE

2001	6.5	10.8	17.2	21.9	30.6	34.4	42.8	54.4
2000 4/.....	6.7	11.3	16.1	21.5	27.7	35.1	44.5	56.6
1999 4/.....	6.0	10.7	16.4	20.6	27.6	34.1	40.1	49.8

WHITE, FEMALE

2001	2.4	3.8	7.4	9.5	13.8	17.8	21.4	23.8
2000 4/.....	2.5	4.5	6.5	10.0	13.3	17.7	21.4	25.5
1999 4/.....	2.6	4.4	6.3	9.7	13.0	15.8	19.8	24.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of kidney and renal pelvis (C64-C65)

BLACK, BOTH SEXES

2001	5.0	7.4	12.2	11.7	19.2	24.0	28.2	29.8
2000 4/.....	4.7	7.4	10.4	14.8	18.5	23.5	29.1	29.7
1999 4/.....	4.9	7.8	9.7	13.5	19.3	23.0	24.3	31.2

BLACK, MALE

2001	7.8	10.5	20.5	17.0	29.3	39.0	42.5	46.5
2000 4/.....	7.1	11.4	15.3	25.0	28.1	32.1	48.9	49.6
1999 4/.....	8.0	12.5	14.0	20.0	28.2	34.2	27.9	49.2

BLACK, FEMALE

2001	2.7	4.9	5.6	7.7	12.6	15.0	20.8	23.6
2000 4/.....	2.6	4.2	6.5	7.3	12.2	18.2	19.1	22.3
1999 4/.....	2.3	3.9	6.3	8.7	13.5	16.3	22.5	24.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Malignant neoplasm of bladder (C67)

ALL RACES 3/, BOTH SEXES

2001	1.7	3.4	7.0	12.0	19.0	29.3	44.8	68.9
2000 4/.....	1.6	3.6	6.8	11.7	19.6	29.1	45.5	69.6
1999 4/.....	1.9	3.8	7.0	11.8	20.2	29.7	43.8	68.5

ALL RACES 3/, MALE

2001	2.6	5.2	11.3	19.5	31.6	50.8	81.0	134.8
2000 4/.....	2.5	5.7	10.6	19.0	32.2	50.6	82.4	139.4
1999 4/.....	2.9	5.9	11.0	19.3	32.9	52.3	79.5	134.8

ALL RACES 3/, FEMALE

2001	0.9	1.7	3.2	5.6	9.0	14.3	23.2	41.4
2000 4/.....	0.8	1.7	3.4	5.5	9.7	14.0	23.8	41.2
1999 4/.....	0.9	1.7	3.4	5.4	10.3	13.9	22.9	41.8

WHITE, BOTH SEXES

2001	1.8	3.5	7.3	12.6	19.8	30.3	45.7	70.8
2000 4/.....	1.7	3.8	7.2	12.3	20.2	29.7	46.4	72.0
1999 4/.....	2.0	3.8	7.2	12.1	20.8	30.5	45.0	69.8

WHITE, MALE

2001	2.7	5.4	12.0	20.7	33.1	53.1	83.7	141.1
2000 4/.....	2.7	6.0	11.4	20.2	33.6	52.7	84.6	145.7
1999 4/.....	3.0	6.2	11.4	20.1	34.4	54.3	82.1	140.7

WHITE, FEMALE

2001	0.9	1.7	3.0	5.5	9.0	14.2	22.7	41.3
2000 4/.....	0.8	1.8	3.4	5.5	9.6	13.6	23.7	42.1
1999 4/.....	1.0	1.5	3.4	5.1	10.0	13.8	23.2	41.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasm of bladder (C67)

BLACK, BOTH SEXES

2001	1.7	3.4	6.9	10.0	14.1	24.8	41.2	55.0
2000 4/.....	1.3	3.0	5.4	9.5	17.9	28.4	44.6	49.7
1999 4/.....	2.2	4.5	6.9	11.8	18.9	25.4	35.3	60.3

BLACK, MALE

2001	2.8	4.2	9.2	12.7	20.5	34.4	57.8	78.3
2000 4/.....	*	4.6	7.2	12.5	24.1	41.1	73.3	88.8
1999 4/.....	3.9	5.4	9.8	15.6	23.7	38.9	59.3	86.7

BLACK, FEMALE

2001	*	2.7	5.1	8.1	9.9	19.1	32.7	46.3
2000 4/.....	*	*	3.9	7.3	13.8	20.8	30.1	35.2
1999 4/.....	*	3.7	4.7	9.0	15.8	17.2	23.3	50.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)

ALL RACES 3/, BOTH SEXES

2001	6.1	8.3	11.6	14.2	16.7	20.3	20.6	16.4
2000 4/.....	6.3	8.2	11.4	14.8	18.3	19.4	21.1	16.9
1999 4/.....	6.1	9.2	11.7	15.7	18.3	21.0	19.4	16.0

ALL RACES 3/, MALE

2001	7.5	10.7	13.9	17.3	21.2	25.4	26.5	20.1
2000 4/.....	7.7	10.1	14.0	17.9	22.8	23.2	26.3	22.4
1999 4/.....	7.4	10.6	14.7	19.5	22.3	26.1	24.5	20.7

ALL RACES 3/, FEMALE

2001	4.8	6.0	9.5	11.5	13.1	16.7	17.1	14.8
2000 4/.....	4.9	6.5	9.0	12.1	14.8	16.7	18.0	14.7
1999 4/.....	4.9	7.9	8.9	12.4	15.1	17.5	16.5	14.1

WHITE, BOTH SEXES

2001	6.6	8.8	12.6	15.2	17.8	21.6	21.6	17.0
2000 4/.....	6.9	8.8	12.3	16.0	19.7	20.5	21.8	17.5
1999 4/.....	6.6	10.0	12.5	16.9	19.6	22.2	20.3	16.6

WHITE, MALE

2001	8.1	11.4	14.9	18.6	22.6	26.7	27.8	20.5
2000 4/.....	8.3	10.9	15.2	19.4	24.3	24.3	27.5	23.5
1999 4/.....	7.9	11.4	15.7	20.9	23.9	27.4	25.8	21.8

WHITE, FEMALE

2001	5.2	6.4	10.5	12.2	13.9	18.0	17.9	15.6
2000 4/.....	5.5	6.9	9.7	13.0	16.0	17.7	18.5	15.0
1999 4/.....	5.4	8.7	9.7	13.4	16.2	18.5	17.1	14.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of meninges, brain and other parts of central nervous system (C70-C72)

BLACK, BOTH SEXES

2001	3.4	5.4	6.4	9.0	9.4	9.4	10.8	11.7
2000 4/.....	3.7	5.4	6.0	7.5	8.8	10.3	14.4	10.6
1999 4/.....	4.0	5.3	6.7	8.5	7.8	12.0	11.6	9.9

BLACK, MALE

2001	4.4	6.9	9.2	9.1	11.4	12.5	*	*
2000 4/.....	5.7	6.6	7.7	7.8	12.4	11.8	*	*
1999 4/.....	5.3	5.9	8.7	10.9	8.8	14.2	*	*

BLACK, FEMALE

2001	2.6	4.1	4.3	8.8	8.1	7.5	10.2	9.7
2000 4/.....	2.1	4.5	4.7	7.3	6.4	9.4	14.0	10.7
1999 4/.....	2.8	4.8	5.2	6.7	7.2	10.6	12.5	9.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)

ALL RACES 3/, BOTH SEXES

2001	13.0	22.7	38.1	58.8	91.8	129.0	168.5	199.9
2000 4/.....	13.4	23.4	38.2	62.2	91.6	131.4	176.0	204.6
1999 4/.....	13.6	25.6	39.4	62.8	93.9	130.7	174.0	199.4

ALL RACES 3/, MALE

2001	16.0	27.7	47.5	75.2	116.9	165.7	220.9	275.3
2000 4/.....	16.1	28.4	45.8	78.3	117.7	169.8	230.6	281.8
1999 4/.....	16.7	31.0	48.6	78.1	118.9	169.4	221.8	279.0

ALL RACES 3/, FEMALE

2001	10.1	18.1	29.5	44.6	71.8	103.4	137.1	168.4
2000 4/.....	10.8	18.8	31.3	48.4	71.0	104.7	143.8	173.1
1999 4/.....	10.6	20.5	31.0	49.8	74.3	103.8	145.9	167.3

WHITE, BOTH SEXES

2001	12.8	22.3	38.0	59.0	93.7	131.9	172.8	205.9
2000 4/.....	13.2	23.3	38.5	63.5	93.4	134.4	181.5	208.7
1999 4/.....	13.4	25.3	39.2	63.8	95.6	133.1	178.4	204.1

WHITE, MALE

2001	15.8	27.1	47.3	75.6	119.2	169.8	226.4	284.8
2000 4/.....	15.6	28.3	46.1	80.4	119.0	174.1	238.0	290.2
1999 4/.....	16.5	30.6	48.6	79.4	121.0	172.1	228.5	285.8

WHITE, FEMALE

2001	9.8	17.7	29.3	44.4	73.0	105.0	140.4	172.8
2000 4/.....	10.7	18.6	31.4	48.7	72.8	106.5	147.9	175.5
1999 4/.....	10.3	20.2	30.5	50.3	75.5	105.7	148.8	171.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malignant neoplasms of lymphoid, hematopoietic and related tissue (C81-C96)

BLACK, BOTH SEXES

2001	16.5	30.2	44.9	67.8	90.7	116.7	142.7	155.7
2000 4/.....	17.5	29.1	44.0	62.2	90.5	114.3	131.6	175.5
1999 4/.....	18.2	33.2	45.9	64.6	90.4	119.1	139.3	162.0

BLACK, MALE

2001	21.0	37.5	56.9	87.9	114.1	141.2	191.0	206.5
2000 4/.....	21.8	36.7	54.2	73.1	125.4	147.9	167.8	224.9
1999 4/.....	22.5	41.2	55.2	80.7	114.6	159.1	164.8	220.3

BLACK, FEMALE

2001	12.7	24.2	35.4	52.9	75.1	102.1	118.1	136.8
2000 4/.....	13.9	22.9	36.0	54.1	67.3	94.0	113.4	157.1
1999 4/.....	14.5	26.6	38.6	52.7	74.3	95.0	126.6	140.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Hodgkin's disease (C81)

ALL RACES 3/, BOTH SEXES

2001	0.5	0.4	0.7	1.1	1.2	2.0	2.5	2.2
2000 4/.....	0.5	0.5	0.9	1.0	1.6	1.8	2.4	2.5
1999 4/.....	0.5	0.7	0.9	1.3	1.8	2.0	2.3	2.4

ALL RACES 3/, MALE

2001	0.6	0.6	0.9	1.5	1.6	2.5	2.9	2.6
2000 4/.....	0.6	0.5	1.1	1.3	1.9	2.3	2.7	3.7
1999 4/.....	0.6	0.9	1.2	1.6	2.3	2.3	2.8	3.8

ALL RACES 3/, FEMALE

2001	0.4	0.3	0.6	0.7	0.9	1.7	2.2	2.0
2000 4/.....	0.4	0.5	0.7	0.7	1.3	1.4	2.3	2.0
1999 4/.....	0.4	0.5	0.5	0.9	1.5	1.8	2.0	1.8

WHITE, BOTH SEXES

2001	0.5	0.4	0.8	1.2	1.3	2.1	2.6	2.4
2000 4/.....	0.5	0.5	0.9	1.0	1.6	2.0	2.5	2.6
1999 4/.....	0.5	0.7	0.9	1.3	2.0	2.2	2.5	2.4

WHITE, MALE

2001	0.7	0.6	0.9	1.6	1.8	2.5	3.0	2.7
2000 4/.....	0.6	0.5	1.1	1.4	1.9	2.6	2.8	3.9
1999 4/.....	0.6	0.9	1.3	1.7	2.4	2.5	3.0	3.8

WHITE, FEMALE

2001	0.4	*	0.7	0.8	0.9	1.8	2.4	2.2
2000 4/.....	0.4	0.5	0.7	0.7	1.3	1.6	2.4	2.1
1999 4/.....	0.4	0.5	0.6	0.9	1.6	2.0	2.2	1.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hodgkin's disease (C81)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Non-Hodgkin's lymphoma (C82-C85)

ALL RACES 3/, BOTH SEXES

2001	5.5	9.6	15.6	23.0	36.0	50.9	69.8	79.6
2000 4/.....	5.8	10.6	16.1	25.0	36.3	53.7	71.8	80.2
1999 4/.....	6.2	10.8	16.3	25.6	38.4	54.6	72.6	77.7

ALL RACES 3/, MALE

2001	7.4	11.9	19.1	29.2	44.7	61.3	87.3	106.6
2000 4/.....	7.5	13.3	19.2	30.5	45.2	66.3	88.1	105.9
1999 4/.....	7.9	13.5	19.6	30.8	46.8	68.1	85.7	104.4

ALL RACES 3/, FEMALE

2001	3.8	7.5	12.4	17.7	29.1	43.6	59.3	68.3
2000 4/.....	4.1	8.2	13.3	20.3	29.2	45.0	62.2	69.8
1999 4/.....	4.5	8.3	13.3	21.1	31.8	45.2	65.0	66.9

WHITE, BOTH SEXES

2001	5.7	9.8	16.2	23.9	37.9	53.6	73.0	83.4
2000 4/.....	5.9	11.2	16.9	26.3	38.1	56.5	75.8	84.3
1999 4/.....	6.4	11.1	17.0	27.1	40.2	57.0	76.7	81.2

WHITE, MALE

2001	7.4	12.0	19.7	30.3	46.6	64.2	91.2	111.5
2000 4/.....	7.6	13.7	20.0	32.2	46.8	69.8	92.6	111.8
1999 4/.....	8.1	13.7	20.2	32.3	48.9	70.2	90.8	108.0

WHITE, FEMALE

2001	3.9	7.7	13.0	18.3	30.9	46.0	62.0	71.6
2000 4/.....	4.3	8.8	14.1	21.2	31.1	47.2	65.8	73.1
1999 4/.....	4.8	8.7	14.1	22.6	33.3	47.7	68.3	70.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Non-Hodgkin's lymphoma (C82-C85)

BLACK, BOTH SEXES

2001	5.9	9.8	12.3	19.1	23.4	25.7	37.9	39.3
2000 4/.....	5.5	8.8	12.6	16.6	22.7	25.9	28.2	36.3
1999 4/.....	5.6	10.5	11.7	17.0	23.9	32.0	31.5	40.5

BLACK, MALE

2001	8.7	12.2	15.5	24.6	31.6	30.7	47.4	54.5
2000 4/.....	7.9	13.5	15.7	19.3	32.1	30.7	32.0	43.8
1999 4/.....	7.9	13.7	15.7	23.4	28.5	47.0	28.8	59.8

BLACK, FEMALE

2001	3.6	7.8	9.8	15.0	17.9	22.7	33.1	33.7
2000 4/.....	3.5	5.0	10.1	14.6	16.4	23.1	26.3	33.5
1999 4/.....	3.7	7.9	8.7	12.3	20.9	22.9	32.8	33.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Leukemia (C91-C95)								
ALL RACES 3/, BOTH SEXES								
2001	4.6	7.6	13.1	20.6	33.3	47.7	61.3	81.4
2000 4/.....	4.5	7.7	12.7	21.7	33.2	47.4	65.1	83.6
1999 4/.....	4.4	8.5	13.1	21.8	33.1	46.3	62.7	82.4
ALL RACES 3/, MALE								
2001	5.2	9.2	17.4	27.6	44.9	66.2	86.9	117.5
2000 4/.....	5.1	9.7	16.0	29.2	46.2	65.1	93.4	119.8
1999 4/.....	5.2	10.1	16.8	29.0	45.7	64.6	87.6	119.2
ALL RACES 3/, FEMALE								
2001	4.0	6.0	9.3	14.6	24.1	34.8	45.9	66.3
2000 4/.....	3.9	5.9	9.7	15.3	22.9	35.1	48.4	68.8
1999 4/.....	3.6	7.0	9.8	15.6	23.2	33.6	48.1	67.6
WHITE, BOTH SEXES								
2001	4.5	7.6	13.5	20.9	34.5	49.1	63.8	84.7
2000 4/.....	4.5	7.8	12.8	22.6	34.4	49.2	67.6	86.0
1999 4/.....	4.3	8.7	13.3	22.2	34.2	48.0	64.1	85.4
WHITE, MALE								
2001	5.1	9.4	17.8	27.8	46.5	68.3	90.1	123.1
2000 4/.....	5.0	9.8	16.1	30.5	47.4	67.5	96.7	123.6
1999 4/.....	5.1	10.3	17.0	29.5	47.1	66.7	90.2	124.1
WHITE, FEMALE								
2001	3.9	6.0	9.5	14.8	24.7	35.4	47.9	68.6
2000 4/.....	4.0	5.9	9.8	15.7	23.9	36.3	50.2	70.8
1999 4/.....	3.6	7.2	9.8	15.8	23.9	34.9	48.7	69.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),								
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 YEARS
RACE, SEX, AND YEAR	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	AND OVER
Leukemia (C91-C95)								
BLACK, BOTH SEXES								
2001	5.6	7.9	12.3	22.3	28.0	41.3	42.0	57.1
2000 4/.....	5.2	7.9	14.1	17.9	28.4	34.7	43.8	66.0
1999 4/.....	5.4	8.1	13.6	22.2	27.9	35.0	51.1	55.8
BLACK, MALE								
2001	6.6	9.9	17.1	32.3	36.4	51.6	61.0	77.2
2000 4/.....	6.2	10.0	18.6	22.4	43.5	49.6	64.1	98.0
1999 4/.....	6.9	10.3	17.2	29.1	38.0	51.3	61.0	77.3
BLACK, FEMALE								
2001	4.7	6.3	8.5	15.0	22.4	35.2	32.3	49.7
2000 4/.....	4.4	6.2	10.5	14.6	18.4	25.6	33.5	54.1
1999 4/.....	4.2	6.2	10.8	17.1	21.2	25.2	46.2	47.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Multiple myeloma and immunoproliferative neoplasms (C88,C90)

ALL RACES 3/, BOTH SEXES

2001	2.3	5.1	8.5	14.0	21.1	28.3	34.7	36.3
2000 4/.....	2.6	4.5	8.5	14.4	20.4	28.3	36.4	37.8
1999 4/.....	2.5	5.6	9.0	14.1	20.6	27.6	36.2	36.6

ALL RACES 3/, MALE

2001	2.8	6.0	10.1	16.8	25.3	35.6	43.4	48.0
2000 4/.....	2.9	4.9	9.5	17.1	24.2	35.7	46.1	51.8
1999 4/.....	3.0	6.5	11.0	16.6	24.1	34.1	45.5	51.3

ALL RACES 3/, FEMALE

2001	1.9	4.2	7.1	11.5	17.7	23.2	29.4	31.3
2000 4/.....	2.3	4.2	7.6	12.1	17.3	23.1	30.7	32.2
1999 4/.....	2.1	4.7	7.3	12.0	17.8	23.0	30.7	30.6

WHITE, BOTH SEXES

2001	2.1	4.4	7.5	12.9	19.9	27.1	33.0	35.0
2000 4/.....	2.2	3.8	7.8	13.4	19.1	26.5	35.2	35.2
1999 4/.....	2.1	4.7	7.9	13.2	19.2	25.7	34.9	34.8

WHITE, MALE

2001	2.5	5.2	9.0	15.7	24.1	34.6	41.7	47.1
2000 4/.....	2.5	4.3	8.8	16.1	22.8	33.9	45.4	50.2
1999 4/.....	2.6	5.6	10.0	15.8	22.5	32.4	44.3	49.7

WHITE, FEMALE

2001	1.6	3.7	6.1	10.4	16.5	21.7	27.8	29.9
2000 4/.....	2.0	3.4	6.8	11.1	16.2	21.3	29.2	29.1
1999 4/.....	1.5	3.8	5.9	10.9	16.6	21.0	29.4	28.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Multiple myeloma and immunoproliferative neoplasms (C88,C90)

BLACK, BOTH SEXES

2001	4.8	11.8	19.4	25.8	38.2	47.9	61.2	58.3
2000 4/.....	6.3	11.7	16.5	27.3	37.9	53.3	57.9	71.6
1999 4/.....	6.6	13.8	20.0	24.2	37.6	51.1	56.3	63.1

BLACK, MALE

2001	5.3	14.5	23.4	30.2	45.1	57.1	80.3	71.5
2000 4/.....	7.2	12.3	18.4	31.0	48.1	67.1	69.1	79.6
1999 4/.....	6.7	16.1	21.6	26.2	46.8	59.4	74.1	80.9

BLACK, FEMALE

2001	4.3	9.5	16.3	22.5	33.6	42.4	51.5	53.5
2000 4/.....	5.5	11.2	15.0	24.6	31.1	45.0	52.2	68.7
1999 4/.....	6.6	11.9	18.8	22.7	31.5	46.1	47.5	56.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	0.5
2000 4/.....	*	*	*	*	*	*	0.5
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue (C96)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)

ALL RACES 3/, BOTH SEXES								
2001	18.0	30.1	46.4	67.2	98.1	133.4	170.9	234.5
2000 4/.....	18.2	30.4	48.2	71.5	100.4	136.0	177.4	239.8
1999 4/.....	19.1	32.5	52.5	76.1	107.8	142.3	188.5	250.4
ALL RACES 3/, MALE								
2001	21.5	34.9	55.4	79.4	120.3	162.3	211.0	295.2
2000 4/.....	20.6	35.1	57.2	86.2	122.5	167.5	221.4	300.7
1999 4/.....	22.0	38.2	62.6	90.6	132.8	174.0	233.0	318.9
ALL RACES 3/, FEMALE								
2001	14.7	25.7	38.3	56.7	80.5	113.1	146.8	209.1
2000 4/.....	15.8	25.9	40.0	59.0	83.1	114.1	151.4	215.0
1999 4/.....	16.3	27.1	43.3	63.8	88.2	120.3	162.5	222.8
WHITE, BOTH SEXES								
2001	17.2	29.0	45.3	66.5	97.4	134.1	171.4	238.1
2000 4/.....	17.2	29.7	47.1	71.4	99.9	135.6	179.5	243.7
1999 4/.....	18.3	31.1	51.2	76.3	107.1	142.3	189.4	252.4
WHITE, MALE								
2001	20.1	33.1	53.5	78.0	119.7	163.1	212.0	300.2
2000 4/.....	19.5	34.1	54.7	86.2	121.8	165.7	225.2	307.0
1999 4/.....	20.8	36.6	60.9	90.1	131.8	174.6	235.3	323.6
WHITE, FEMALE								
2001	14.3	25.1	37.7	56.3	79.3	113.7	146.8	212.1
2000 4/.....	14.8	25.6	40.1	58.4	82.4	114.5	152.3	218.0
1999 4/.....	15.8	26.0	42.3	64.3	87.5	119.6	162.3	223.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other and unspecified malignant neoplasms (C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C63,C66,C68-C69,C73-C80,C97)

BLACK, BOTH SEXES

2001	27.8	44.1	64.1	85.2	120.3	140.7	182.3	217.1
2000 4/.....	28.8	41.3	64.8	85.6	117.7	155.7	172.0	210.8
1999 4/.....	29.0	48.3	73.5	85.4	128.3	157.3	193.0	242.6

BLACK, MALE

2001	35.9	57.1	80.9	110.0	151.5	178.9	219.1	283.7
2000 4/.....	33.1	51.4	89.0	102.0	149.1	211.7	208.2	253.7
1999 4/.....	36.5	61.9	94.0	109.8	163.8	191.4	233.7	292.9

BLACK, FEMALE

2001	20.9	33.5	50.9	66.8	99.5	117.9	163.5	192.4
2000 4/.....	25.1	33.1	45.8	73.5	96.8	121.9	153.7	194.9
1999 4/.....	22.7	37.2	57.4	67.3	104.6	136.7	172.9	223.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)

ALL RACES 3/, BOTH SEXES

2001	2.3	3.9	6.3	10.5	17.9	29.5	47.8	82.7
2000 4/.....	2.3	3.8	6.6	10.6	17.4	28.9	50.6	84.9
1999 4/.....	2.3	3.5	6.3	10.8	18.6	29.3	47.5	82.9

ALL RACES 3/, MALE

2001	2.4	4.1	7.5	12.8	22.5	39.2	62.4	107.6
2000 4/.....	2.6	4.1	7.5	13.3	21.2	36.8	65.3	108.9
1999 4/.....	2.7	4.0	7.9	13.4	23.9	37.2	61.0	109.2

ALL RACES 3/, FEMALE

2001	2.1	3.7	5.2	8.5	14.3	22.7	39.1	72.3
2000 4/.....	1.9	3.5	5.7	8.2	14.4	23.4	41.9	75.2
1999 4/.....	1.9	3.0	4.8	8.5	14.5	23.8	39.7	72.3

WHITE, BOTH SEXES

2001	2.3	3.9	6.3	10.7	18.1	30.4	48.9	83.9
2000 4/.....	2.2	3.9	6.6	10.7	17.3	29.5	52.2	87.3
1999 4/.....	2.2	3.5	6.2	10.7	19.0	29.7	48.7	85.3

WHITE, MALE

2001	2.5	4.1	7.4	13.2	23.0	40.4	63.7	109.9
2000 4/.....	2.6	4.3	7.3	13.4	21.0	37.6	68.0	112.6
1999 4/.....	2.6	3.9	8.0	13.3	24.6	37.7	62.9	114.3

WHITE, FEMALE

2001	2.0	3.8	5.2	8.6	14.2	23.3	40.0	73.0
2000 4/.....	1.9	3.5	6.0	8.4	14.3	23.8	42.9	77.1
1999 4/.....	1.8	3.0	4.6	8.3	14.7	24.0	40.4	73.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior (D00-D48)

BLACK, BOTH SEXES

2001	2.7	4.5	7.6	10.9	18.6	24.5	42.5	73.4
2000 4/.....	3.1	4.2	7.1	10.6	20.3	26.7	37.8	64.1
1999 4/.....	3.2	5.0	7.8	13.7	18.1	29.5	38.7	61.9

BLACK, MALE

2001	2.4	4.5	9.2	13.0	22.9	31.6	58.6	88.5
2000 4/.....	3.6	4.4	10.1	15.6	23.7	34.5	38.8	76.1
1999 4/.....	3.3	6.1	8.3	16.9	21.7	36.1	42.7	63.3

BLACK, FEMALE

2001	3.0	4.5	6.4	9.4	15.7	20.2	34.3	67.8
2000 4/.....	2.7	4.0	4.7	6.9	18.0	21.9	37.4	59.7
1999 4/.....	3.0	4.0	7.5	11.4	15.8	25.5	36.7	61.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Anemias (D50-D64)

ALL RACES 3/, BOTH SEXES

2001	0.7	0.8	1.2	2.0	3.5	7.1	13.6	42.0
2000 4/.....	0.7	0.9	1.2	2.2	3.4	6.5	13.9	42.4
1999 4/.....	0.6	0.8	1.2	1.8	3.5	6.8	13.7	43.8

ALL RACES 3/, MALE

2001	0.6	0.8	1.1	2.1	3.8	7.2	14.3	40.0
2000 4/.....	0.7	1.0	1.2	2.2	3.6	6.5	14.6	40.1
1999 4/.....	0.6	0.7	1.2	2.1	3.4	7.2	14.8	43.4

ALL RACES 3/, FEMALE

2001	0.7	0.9	1.2	1.9	3.3	7.0	13.2	42.9
2000 4/.....	0.7	0.9	1.2	2.2	3.3	6.5	13.6	43.3
1999 4/.....	0.6	0.9	1.1	1.6	3.6	6.5	13.0	44.0

WHITE, BOTH SEXES

2001	0.4	0.6	1.0	1.8	3.2	6.7	13.2	41.7
2000 4/.....	0.4	0.7	0.9	1.9	3.2	6.2	13.8	42.0
1999 4/.....	0.3	0.4	0.8	1.6	3.2	6.5	13.6	43.0

WHITE, MALE

2001	0.4	0.5	1.0	1.9	3.3	7.0	14.1	40.4
2000 4/.....	0.4	0.8	0.9	2.1	3.4	6.1	14.2	39.1
1999 4/.....	0.3	*	0.7	1.9	3.1	7.0	14.8	43.4

WHITE, FEMALE

2001	0.4	0.6	1.1	1.6	3.1	6.5	12.6	42.3
2000 4/.....	0.4	0.7	0.9	1.8	3.0	6.3	13.5	43.2
1999 4/.....	0.3	0.5	0.9	1.4	3.4	6.1	12.9	42.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Anemias (D50-D64)

BLACK, BOTH SEXES

2001	2.9	3.2	2.6	3.9	7.4	12.5	21.4	48.5
2000 4/.....	3.2	3.0	3.9	4.8	6.1	10.3	18.1	51.0
1999 4/.....	2.9	4.2	4.3	3.6	6.6	11.4	16.5	52.9

BLACK, MALE

2001	3.2	3.3	*	*	10.4	12.1	20.1	42.0
2000 4/.....	3.4	*	*	*	*	10.9	19.4	55.4
1999 4/.....	3.2	4.2	6.2	*	7.8	10.9	*	44.5

BLACK, FEMALE

2001	2.6	3.2	*	3.9	5.4	12.8	22.1	50.9
2000 4/.....	3.0	3.0	3.9	5.8	6.2	10.0	17.4	49.4
1999 4/.....	2.7	4.2	*	*	5.9	11.7	16.4	56.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Diabetes mellitus (E10-E14)

ALL RACES 3/, BOTH SEXES

2001	17.8	29.5	48.4	75.5	108.6	155.5	218.7	321.8
2000 4/.....	17.3	29.6	48.1	74.0	108.6	156.5	213.9	319.7
1999 4/.....	16.5	29.5	48.9	75.6	109.2	153.5	214.8	317.2

ALL RACES 3/, MALE

2001	21.3	34.4	54.4	84.7	121.0	171.5	242.3	343.1
2000 4/.....	19.7	33.4	53.9	80.8	119.7	173.7	242.5	345.1
1999 4/.....	19.4	33.5	53.9	82.5	119.4	172.3	241.3	345.7

ALL RACES 3/, FEMALE

2001	14.5	24.9	42.9	67.6	98.8	144.3	204.5	312.9
2000 4/.....	14.9	26.1	42.8	68.1	99.9	144.6	197.0	309.4
1999 4/.....	13.8	25.8	44.5	69.7	101.2	140.4	199.3	305.8

WHITE, BOTH SEXES

2001	15.3	25.3	42.3	66.8	98.0	143.0	205.9	306.0
2000 4/.....	14.6	25.7	42.3	65.2	98.1	143.7	199.1	303.5
1999 4/.....	13.8	24.5	41.9	66.9	97.6	141.2	200.8	298.9

WHITE, MALE

2001	18.6	30.4	48.8	77.6	113.5	161.8	232.1	337.3
2000 4/.....	17.3	29.5	48.7	73.8	111.6	164.0	234.1	337.4
1999 4/.....	16.8	28.9	47.7	75.2	111.3	163.7	233.2	333.4

WHITE, FEMALE

2001	12.0	20.4	36.3	57.4	85.4	129.7	190.1	293.0
2000 4/.....	12.0	22.1	36.3	57.6	87.3	129.3	178.3	289.7
1999 4/.....	11.0	20.4	36.6	59.6	86.7	125.4	181.7	285.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Diabetes mellitus (E10-E14)

BLACK, BOTH SEXES								
2001	40.2	69.6	104.4	157.6	226.8	305.2	382.2	529.7
2000 4/.....	40.7	66.3	102.4	159.2	223.7	316.5	404.9	524.9
1999 4/.....	40.5	72.7	111.6	159.6	229.0	294.9	395.8	529.0
BLACK, MALE								
2001	45.6	76.7	112.5	162.1	221.5	308.1	400.5	450.5
2000 4/.....	43.5	72.1	108.5	154.3	224.3	311.4	382.7	452.1
1999 4/.....	44.1	78.2	113.3	163.8	216.1	282.6	374.1	506.2
BLACK, FEMALE								
2001	35.6	63.9	98.1	154.3	230.3	303.4	372.8	559.1
2000 4/.....	38.4	61.5	97.6	162.8	223.3	319.6	416.1	552.0
1999 4/.....	37.4	68.3	110.3	156.4	237.6	302.4	406.6	537.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nutritional deficiencies (E40-E64)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.5	0.8	1.4	2.8	5.9	12.8	42.9
2000 4/.....	0.3	0.5	1.0	2.0	3.0	6.8	15.8	50.0
1999 4/.....	0.4	0.6	0.9	1.6	3.2	6.4	15.9	53.9

ALL RACES 3/, MALE

2001	0.3	0.5	0.9	1.4	2.9	5.6	13.2	35.2
2000 4/.....	0.2	0.7	1.0	2.0	3.4	6.8	14.4	43.7
1999 4/.....	0.4	0.7	1.1	1.6	3.8	6.8	16.0	48.4

ALL RACES 3/, FEMALE

2001	0.4	0.4	0.7	1.3	2.7	6.1	12.6	46.1
2000 4/.....	0.4	0.4	0.9	2.0	2.7	6.8	16.6	52.6
1999 4/.....	0.4	0.5	0.7	1.5	2.6	6.2	15.8	56.2

WHITE, BOTH SEXES

2001	0.3	0.4	0.8	1.2	2.6	5.5	12.0	42.2
2000 4/.....	0.2	0.5	0.8	1.9	2.7	6.4	15.3	48.8
1999 4/.....	0.3	0.4	0.8	1.4	2.7	5.9	14.8	52.8

WHITE, MALE

2001	*	0.4	0.7	1.1	2.6	5.3	12.2	33.8
2000 4/.....	*	0.5	0.8	1.8	2.9	6.2	13.9	42.8
1999 4/.....	0.3	0.4	1.0	1.3	3.0	6.1	14.7	46.5

WHITE, FEMALE

2001	0.3	0.4	0.8	1.3	2.7	5.7	11.8	45.7
2000 4/.....	0.3	0.4	0.9	2.0	2.5	6.5	16.2	51.3
1999 4/.....	0.3	0.4	0.6	1.4	2.4	5.9	14.9	55.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nutritional deficiencies (E40-E64)

BLACK, BOTH SEXES

2001	1.0	*	*	3.0	4.4	10.8	23.8	54.7
2000 4/.....	*	*	2.1	3.2	6.5	12.1	22.6	66.9
1999 4/.....	*	2.0	2.0	3.2	8.3	12.3	30.9	70.8

BLACK, MALE

2001	*	*	*	*	6.7	11.6	24.9	57.9
2000 4/.....	*	*	*	*	9.7	15.1	22.8	63.4
1999 4/.....	*	*	*	*	12.9	16.1	34.9	75.0

BLACK, FEMALE

2001	*	*	*	*	*	10.3	23.3	53.5
2000 4/.....	*	*	*	*	4.4	10.3	22.5	68.3
1999 4/.....	*	*	*	*	5.2	10.0	29.0	69.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malnutrition (E40-E46)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.4	0.8	1.3	2.6	5.5	12.0	40.2
2000 4/.....	0.3	0.5	0.9	1.9	2.8	6.4	14.6	46.3
1999 4/.....	0.3	0.5	0.8	1.5	3.0	6.0	14.7	50.0

ALL RACES 3/, MALE

2001	0.3	0.5	0.8	1.3	2.6	5.1	12.6	33.6
2000 4/.....	*	0.6	0.9	1.8	3.3	6.4	13.1	40.7
1999 4/.....	0.3	0.6	1.1	1.5	3.6	6.2	14.8	44.4

ALL RACES 3/, FEMALE

2001	0.3	0.4	0.7	1.3	2.5	5.7	11.6	43.0
2000 4/.....	0.3	0.3	0.9	1.9	2.4	6.5	15.5	48.6
1999 4/.....	0.3	0.4	0.6	1.4	2.5	5.8	14.7	52.3

WHITE, BOTH SEXES

2001	0.2	0.4	0.7	1.1	2.4	5.1	11.2	39.5
2000 4/.....	0.2	0.4	0.8	1.8	2.4	6.1	14.2	45.2
1999 4/.....	0.3	0.4	0.7	1.3	2.5	5.5	13.8	48.9

WHITE, MALE

2001	*	0.4	0.7	1.0	2.3	4.7	11.7	32.2
2000 4/.....	*	0.5	0.7	1.6	2.8	5.9	12.5	39.7
1999 4/.....	0.3	0.4	0.9	1.2	2.8	5.6	13.4	42.2

WHITE, FEMALE

2001	0.3	0.4	0.8	1.2	2.5	5.4	10.9	42.6
2000 4/.....	0.3	*	0.9	1.9	2.1	6.2	15.1	47.4
1999 4/.....	0.3	0.4	0.5	1.3	2.3	5.5	14.0	51.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Malnutrition (E40-E46)

BLACK, BOTH SEXES

2001	*	*	*	2.8	4.0	10.1	22.2	51.6
2000 4/.....	*	*	1.9	3.1	6.5	11.2	20.9	63.8
1999 4/.....	*	1.6	2.0	3.2	8.0	11.1	28.9	66.0

BLACK, MALE

2001	*	*	*	*	*	11.2	24.1	55.6
2000 4/.....	*	*	*	*	9.7	14.2	22.8	61.1
1999 4/.....	*	*	*	*	12.2	13.3	33.1	73.8

BLACK, FEMALE

2001	*	*	*	*	*	9.4	21.3	50.1
2000 4/.....	*	*	*	*	4.4	9.4	20.0	64.8
1999 4/.....	*	*	*	*	5.2	9.7	26.8	63.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other nutritional deficiencies (E50-E64)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	0.4	0.8	2.7
2000 4/.....	*	*	*	*	0.3	0.4	1.2	3.7
1999 4/.....	*	*	*	*	*	0.4	1.1	3.9

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*	1.6
2000 4/.....	*	*	*	*	*	*	1.3	3.0
1999 4/.....	*	*	*	*	*	*	1.3	3.9

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	1.0	3.1
2000 4/.....	*	*	*	*	*	*	1.1	4.0
1999 4/.....	*	*	*	*	*	*	1.1	3.9

WHITE, BOTH SEXES

2001	*	*	*	*	*	0.4	0.8	2.7
2000 4/.....	*	*	*	*	0.3	0.3	1.2	3.7
1999 4/.....	*	*	*	*	*	0.4	1.1	3.9

WHITE, MALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	1.4	3.2
1999 4/.....	*	*	*	*	*	*	1.3	4.3

WHITE, FEMALE

2001	*	*	*	*	*	*	0.9	3.1
2000 4/.....	*	*	*	*	*	*	1.0	3.9
1999 4/.....	*	*	*	*	*	*	1.0	3.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Meningitis (G00,G03)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.4	0.5	0.5	0.5	0.6	1.0	0.9
2000 4/.....	0.3	0.3	0.4	0.5	0.7	0.9	1.1	1.2
1999 4/.....	0.3	0.3	0.5	0.5	0.7	0.9	1.2	1.5

ALL RACES 3/, MALE

2001	0.3	0.4	0.6	0.5	0.7	0.9	1.1	*
2000 4/.....	0.4	0.4	0.5	0.6	0.9	1.3	1.1	*
1999 4/.....	0.4	0.4	0.4	0.6	0.8	0.9	1.3	1.7

ALL RACES 3/, FEMALE

2001	0.2	0.4	0.4	0.4	0.4	0.5	0.9	0.8
2000 4/.....	0.3	*	*	0.4	0.5	0.6	1.1	1.0
1999 4/.....	*	*	0.5	0.4	0.7	0.9	1.1	1.4

WHITE, BOTH SEXES

2001	0.2	0.3	0.5	0.4	0.6	0.6	0.9	0.8
2000 4/.....	0.2	0.3	0.4	0.4	0.6	0.8	1.1	1.0
1999 4/.....	0.2	0.3	0.4	0.5	0.6	0.7	1.1	1.3

WHITE, MALE

2001	0.3	0.4	0.5	*	0.7	0.8	*	*
2000 4/.....	0.3	0.4	0.5	*	0.8	1.2	*	*
1999 4/.....	*	0.4	*	0.5	0.7	*	1.3	*

WHITE, FEMALE

2001	*	*	0.4	*	*	*	0.8	0.8
2000 4/.....	*	*	*	*	*	0.6	1.0	1.0
1999 4/.....	*	*	0.5	*	0.6	0.8	1.0	1.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Meningitis (G00,G03)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Parkinson's disease (G20-G21)

ALL RACES 3/, BOTH SEXES

2001	0.2	0.7	1.8	5.8	18.1	46.4	90.9	134.2
2000 4/.....	0.2	0.6	1.7	6.6	16.7	44.8	87.6	131.9
1999 4/.....	0.2	0.6	1.6	5.6	16.7	41.8	82.8	124.4

ALL RACES 3/, MALE

2001	0.3	1.0	2.7	8.2	26.5	68.8	141.7	224.4
2000 4/.....	*	0.8	2.2	9.0	24.1	67.4	135.0	222.3
1999 4/.....	0.3	0.7	2.3	7.7	24.8	64.4	131.3	205.6

ALL RACES 3/, FEMALE

2001	*	0.4	1.0	3.7	11.5	30.7	60.4	96.4
2000 4/.....	*	0.4	1.3	4.4	10.9	29.1	59.5	95.0
1999 4/.....	*	0.4	0.9	3.9	10.4	26.0	54.4	91.7

WHITE, BOTH SEXES

2001	0.2	0.7	1.9	6.2	19.4	49.6	96.4	141.8
2000 4/.....	0.2	0.6	1.9	7.1	17.8	47.5	92.5	139.5
1999 4/.....	0.2	0.6	1.6	6.0	17.7	44.1	87.4	131.2

WHITE, MALE

2001	0.3	1.0	3.0	8.8	28.1	73.4	149.6	237.6
2000 4/.....	*	0.9	2.5	9.6	25.5	70.7	141.5	235.3
1999 4/.....	0.3	0.7	2.4	8.1	26.4	67.7	138.6	216.7

WHITE, FEMALE

2001	*	0.5	0.9	4.0	12.3	32.7	64.2	101.7
2000 4/.....	*	0.4	1.4	4.8	11.7	31.2	63.3	100.6
1999 4/.....	*	0.4	0.9	4.2	10.8	27.6	57.3	96.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Parkinson's disease (G20-G21)

BLACK, BOTH SEXES

2001	*	*	*	2.7	8.9	18.9	34.9	59.0
2000 4/.....	*	*	*	3.1	8.8	21.0	37.6	51.6
1999 4/.....	*	*	*	3.6	8.7	19.5	32.4	52.0

BLACK, MALE

2001	*	*	*	*	14.8	25.6	57.8	99.8
2000 4/.....	*	*	*	*	13.7	37.8	65.8	86.5
1999 4/.....	*	*	*	5.7	12.6	31.8	48.8	86.7

BLACK, FEMALE

2001	*	*	*	*	4.9	15.0	23.3	43.8
2000 4/.....	*	*	*	*	5.5	10.8	23.4	38.6
1999 4/.....	*	*	*	*	6.1	12.0	24.2	39.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Alzheimer's disease (G30)

ALL RACES 3/, BOTH SEXES

2001	0.3	1.2	3.3	9.0	29.2	88.5	232.5	710.3
2000 4/.....	0.3	1.1	3.2	9.1	28.9	85.2	221.1	667.7
1999 4/.....	0.2	1.0	3.0	8.7	26.7	78.6	206.2	601.3

ALL RACES 3/, MALE

2001	0.3	0.9	3.2	9.0	27.7	85.6	216.6	556.1
2000 4/.....	0.3	0.9	2.9	9.5	29.1	79.9	206.8	522.1
1999 4/.....	*	1.1	3.0	8.8	26.9	77.4	198.2	485.7

ALL RACES 3/, FEMALE

2001	0.3	1.4	3.4	9.0	30.4	90.5	242.1	774.9
2000 4/.....	0.3	1.2	3.5	8.7	28.8	88.9	229.5	727.0
1999 4/.....	0.3	0.8	3.0	8.6	26.6	79.4	210.9	648.0

WHITE, BOTH SEXES

2001	0.3	1.3	3.6	9.3	30.6	90.9	240.5	738.1
2000 4/.....	0.3	1.1	3.4	9.6	29.9	88.1	229.1	695.3
1999 4/.....	0.2	1.0	3.3	9.1	27.6	81.3	213.6	627.9

WHITE, MALE

2001	0.3	0.9	3.4	9.2	28.8	88.1	222.7	577.2
2000 4/.....	0.3	1.0	3.1	10.1	29.9	82.6	214.4	542.1
1999 4/.....	*	1.1	3.3	9.2	27.6	80.1	205.6	506.9

WHITE, FEMALE

2001	0.4	1.6	3.8	9.4	32.1	92.9	251.3	805.4
2000 4/.....	0.3	1.3	3.7	9.2	29.9	92.0	237.7	757.6
1999 4/.....	*	0.9	3.3	9.1	27.5	82.1	218.3	676.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Alzheimer's disease (G30)

BLACK, BOTH SEXES

2001	*	*	1.9	8.7	23.3	86.8	183.6	506.7
2000 4/.....	*	*	2.1	7.4	25.9	71.1	171.7	445.1
1999 4/.....	*	*	*	6.9	25.3	65.0	152.0	372.4

BLACK, MALE

2001	*	*	*	9.9	24.2	84.6	185.4	414.1
2000 4/.....	*	*	*	7.8	27.7	64.7	156.0	371.3
1999 4/.....	*	*	*	8.0	27.5	62.7	139.5	317.5

BLACK, FEMALE

2001	*	*	*	7.9	22.6	88.2	182.7	541.0
2000 4/.....	*	*	*	7.1	24.6	74.9	179.6	472.6
1999 4/.....	*	*	*	6.0	23.9	66.4	158.2	392.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
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OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Major cardiovascular diseases (I00-I78)

ALL RACES 3/, BOTH SEXES

2001	144.9	234.9	385.7	619.6	1,017.5	1,759.4	3,133.9	7,673.7
2000 4/.....	146.7	248.4	407.5	647.9	1,066.0	1,824.4	3,253.7	8,030.3
1999 4/.....	148.7	254.8	416.0	678.9	1,111.3	1,888.7	3,356.4	8,197.1

ALL RACES 3/, MALE

2001	204.7	327.6	526.3	821.4	1,325.6	2,223.2	3,774.2	7,936.0
2000 4/.....	209.0	350.6	556.9	857.2	1,403.8	2,305.7	3,956.7	8,448.1
1999 4/.....	212.5	358.4	568.4	908.7	1,461.9	2,392.7	4,078.9	8,603.2

ALL RACES 3/, FEMALE

2001	87.6	148.1	258.3	445.9	772.7	1,434.7	2,750.2	7,563.9
2000 4/.....	87.0	152.8	272.0	468.5	799.9	1,489.2	2,839.0	7,860.1
1999 4/.....	87.5	158.0	278.2	482.2	837.3	1,538.3	2,933.7	8,033.5

WHITE, BOTH SEXES

2001	127.7	212.4	355.6	580.3	980.2	1,721.1	3,122.8	7,770.6
2000 4/.....	130.6	225.6	376.3	612.7	1,027.2	1,783.3	3,243.6	8,133.9
1999 4/.....	132.4	230.2	385.3	644.7	1,068.3	1,848.2	3,345.3	8,299.2

WHITE, MALE

2001	185.6	301.7	493.8	781.8	1,286.2	2,192.9	3,777.7	8,060.7
2000 4/.....	190.5	323.5	523.7	822.7	1,366.4	2,273.2	3,963.6	8,585.0
1999 4/.....	193.5	329.9	533.4	874.1	1,420.2	2,361.9	4,089.2	8,717.5

WHITE, FEMALE

2001	71.0	127.1	228.1	403.3	732.3	1,386.9	2,726.9	7,649.2
2000 4/.....	72.0	132.4	240.4	429.2	755.0	1,438.7	2,815.1	7,950.6
1999 4/.....	72.8	135.3	248.8	444.5	788.7	1,487.4	2,906.2	8,131.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Major cardiovascular diseases (I00-I78)

BLACK, BOTH SEXES

2001	307.2	471.1	713.7	1,057.5	1,548.8	2,422.8	3,623.2	7,316.7
2000 4/.....	303.5	489.3	736.9	1,061.9	1,623.2	2,496.2	3,719.8	7,518.9
1999 4/.....	311.0	509.4	743.3	1,093.2	1,704.6	2,553.3	3,787.7	7,582.5

BLACK, MALE

2001	405.7	627.8	934.4	1,342.7	1,988.0	2,943.9	4,284.2	7,363.9
2000 4/.....	407.0	670.8	955.1	1,328.0	2,040.7	2,999.5	4,397.8	7,687.4
1999 4/.....	423.5	686.4	993.1	1,400.0	2,146.5	3,046.5	4,407.7	7,921.1

BLACK, FEMALE

2001	223.4	342.6	540.2	846.9	1,256.2	2,111.8	3,286.5	7,299.2
2000 4/.....	215.2	340.5	564.6	865.5	1,346.0	2,192.8	3,378.3	7,456.2
1999 4/.....	215.6	364.7	547.4	865.8	1,411.4	2,256.2	3,480.4	7,456.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Diseases of heart (I00-I09,I11,I13,I20-I51)

ALL RACES 3/, BOTH SEXES

2001	119.5	194.2	314.1	494.4	787.7	1,321.2	2,309.0	5,664.2
2000 4/.....	120.4	205.5	330.6	515.8	826.7	1,372.3	2,392.1	5,926.1
1999 4/.....	123.5	211.0	341.9	547.1	867.9	1,427.8	2,484.7	6,063.0

ALL RACES 3/, MALE

2001	175.2	279.7	440.9	672.2	1,054.4	1,732.2	2,882.7	6,040.5
2000 4/.....	178.1	298.9	463.9	702.0	1,119.7	1,787.5	3,012.3	6,430.0
1999 4/.....	182.9	306.5	478.2	752.8	1,174.1	1,865.5	3,123.3	6,561.6

ALL RACES 3/, FEMALE

2001	66.1	114.2	199.0	341.4	575.8	1,033.5	1,965.3	5,506.8
2000 4/.....	65.0	118.1	209.8	356.3	596.0	1,083.0	2,026.2	5,720.9
1999 4/.....	66.6	121.7	218.6	371.2	628.7	1,123.5	2,111.0	5,862.1

WHITE, BOTH SEXES

2001	108.6	178.5	294.7	468.4	765.0	1,297.7	2,308.3	5,752.1
2000 4/.....	109.9	190.0	309.5	492.6	801.0	1,347.0	2,393.0	6,020.8
1999 4/.....	112.7	193.7	321.3	524.0	839.7	1,403.0	2,484.1	6,152.7

WHITE, MALE

2001	163.4	261.7	420.5	647.2	1,031.2	1,716.7	2,896.4	6,157.2
2000 4/.....	166.1	280.7	442.0	680.1	1,096.8	1,771.0	3,030.0	6,560.8
1999 4/.....	170.3	286.1	454.8	730.0	1,148.4	1,851.7	3,144.4	6,669.0

WHITE, FEMALE

2001	54.9	99.1	178.6	311.5	549.5	1,001.0	1,952.9	5,582.5
2000 4/.....	54.9	103.7	187.4	328.6	563.7	1,048.7	2,014.1	5,801.4
1999 4/.....	56.4	105.8	198.3	344.3	594.5	1,088.0	2,094.3	5,945.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Diseases of heart (I00-I09,I11,I13,I20-I51)								
BLACK, BOTH SEXES								
2001	232.2	369.7	546.5	809.7	1,160.0	1,780.6	2,619.7	5,275.7
2000 4/.....	231.2	380.7	571.0	813.9	1,230.4	1,836.2	2,673.7	5,389.5
1999 4/.....	240.2	400.6	579.9	852.1	1,289.1	1,878.6	2,749.2	5,487.4
BLACK, MALE								
2001	314.7	503.1	731.0	1,039.8	1,518.8	2,214.9	3,181.5	5,459.9
2000 4/.....	319.1	533.0	754.7	1,033.7	1,570.9	2,245.4	3,226.1	5,633.5
1999 4/.....	335.5	556.7	789.2	1,111.8	1,652.9	2,277.2	3,259.4	5,858.8
BLACK, FEMALE								
2001	162.0	260.3	401.4	639.8	921.0	1,521.3	2,333.5	5,207.3
2000 4/.....	156.3	255.9	426.1	651.7	1,004.3	1,589.5	2,395.4	5,298.7
1999 4/.....	159.4	273.1	415.8	659.7	1,047.8	1,638.6	2,496.4	5,348.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)

ALL RACES 3/, BOTH SEXES

2001	0.7	1.2	1.7	3.2	5.0	8.1	11.4	17.7
2000 4/.....	0.8	1.4	2.2	3.4	5.6	8.1	11.6	16.8
1999 4/.....	0.9	1.4	2.1	3.5	5.8	8.4	12.6	18.0

ALL RACES 3/, MALE

2001	0.5	1.1	1.2	2.4	3.2	6.0	7.7	12.8
2000 4/.....	0.6	1.1	1.8	2.2	3.6	5.8	7.8	12.2
1999 4/.....	0.6	1.0	1.4	2.4	4.7	5.4	8.9	10.3

ALL RACES 3/, FEMALE

2001	0.9	1.3	2.2	3.9	6.4	9.5	13.7	19.8
2000 4/.....	0.9	1.6	2.5	4.5	7.1	9.7	13.9	18.7
1999 4/.....	1.1	1.8	2.7	4.5	6.7	10.4	14.7	21.1

WHITE, BOTH SEXES

2001	0.6	1.0	1.7	3.2	5.0	8.4	12.2	18.7
2000 4/.....	0.7	1.3	2.2	3.5	5.6	8.6	12.4	17.6
1999 4/.....	0.8	1.4	2.0	3.6	6.0	8.8	13.1	18.9

WHITE, MALE

2001	0.4	1.0	1.2	2.3	3.3	6.3	8.0	13.3
2000 4/.....	0.7	1.1	1.9	2.3	3.5	6.1	8.4	12.7
1999 4/.....	0.6	1.0	1.3	2.6	4.9	5.5	9.4	11.1

WHITE, FEMALE

2001	0.7	1.1	2.3	3.9	6.4	9.9	14.7	21.0
2000 4/.....	0.8	1.5	2.4	4.6	7.3	10.4	14.7	19.6
1999 4/.....	0.9	1.8	2.7	4.6	6.9	11.0	15.4	22.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute rheumatic fever and chronic rheumatic heart diseases (I00-I09)

BLACK, BOTH SEXES

2001	1.6	2.2	2.0	3.3	5.1	4.9	*	6.8
2000 4/.....	1.1	1.9	2.2	3.4	3.6	3.7	*	8.4
1999 4/.....	1.6	2.2	2.1	2.8	4.2	4.3	*	8.3

BLACK, MALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

BLACK, FEMALE

2001	2.2	2.7	*	3.8	7.2	6.4	*	*
2000 4/.....	*	*	*	4.4	*	*	*	*
1999 4/.....	*	2.8	*	*	4.7	*	*	11.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hypertensive heart disease (I11)

ALL RACES 3/, BOTH SEXES

2001	7.7	9.7	12.5	16.3	23.5	36.6	66.0	189.5
2000 4/.....	6.6	9.3	13.2	16.5	23.0	36.3	66.1	193.1
1999 4/.....	6.2	9.6	11.9	16.3	22.1	36.4	64.7	184.9

ALL RACES 3/, MALE

2001	10.3	12.8	16.5	20.5	27.1	38.9	63.5	134.4
2000 4/.....	9.4	12.1	17.4	20.7	27.2	37.3	61.8	139.1
1999 4/.....	8.1	12.7	15.0	19.5	24.6	39.4	59.2	133.6

ALL RACES 3/, FEMALE

2001	5.1	6.8	8.9	12.7	20.6	35.1	67.5	212.6
2000 4/.....	3.8	6.6	9.3	12.9	19.6	35.7	68.6	215.1
1999 4/.....	4.3	6.8	9.2	13.5	20.2	34.3	67.9	205.5

WHITE, BOTH SEXES

2001	5.2	6.9	9.1	12.1	18.5	30.9	59.2	179.9
2000 4/.....	4.3	6.2	9.4	12.5	17.6	30.2	58.4	181.8
1999 4/.....	4.1	6.5	8.7	12.0	16.9	30.0	57.3	175.3

WHITE, MALE

2001	7.5	9.6	12.5	15.9	21.9	32.9	56.1	123.7
2000 4/.....	6.5	8.6	12.7	16.0	21.5	31.1	53.4	129.3
1999 4/.....	5.8	8.9	11.3	14.4	19.1	32.4	51.8	123.7

WHITE, FEMALE

2001	3.0	4.4	6.0	8.8	15.8	29.5	61.1	203.5
2000 4/.....	2.2	4.0	6.3	9.4	14.5	29.6	61.3	203.1
1999 4/.....	2.5	4.2	6.3	10.0	15.1	28.2	60.6	196.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hypertensive heart disease (I11)

BLACK, BOTH SEXES

2001	28.4	35.7	43.6	55.8	77.8	105.1	154.7	326.1
2000 4/.....	25.4	37.6	47.9	54.6	81.6	111.1	164.9	340.0
1999 4/.....	24.8	38.0	41.6	57.6	79.0	113.7	161.2	305.1

BLACK, MALE

2001	36.6	45.1	55.9	69.6	91.6	117.1	171.8	284.8
2000 4/.....	35.8	47.9	63.8	70.0	95.9	117.2	178.7	273.3
1999 4/.....	31.3	49.5	52.0	73.0	90.2	129.2	166.5	263.6

BLACK, FEMALE

2001	21.5	28.0	33.9	45.6	68.6	97.9	145.9	341.4
2000 4/.....	16.5	29.2	35.3	43.2	72.1	107.4	157.9	364.9
1999 4/.....	19.3	28.7	33.4	46.2	71.6	104.4	158.6	320.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hypertensive heart and renal disease (I13)

ALL RACES 3/, BOTH SEXES

2001	0.4	0.8	1.2	1.8	2.8	5.0	9.3	23.3
2000 4/.....	0.4	0.8	1.0	1.6	3.0	5.1	9.8	24.3
1999 4/.....	0.4	0.9	1.4	2.1	3.0	6.6	12.3	29.1

ALL RACES 3/, MALE

2001	0.6	0.9	1.2	2.1	2.9	5.2	9.4	24.2
2000 4/.....	0.5	0.9	1.0	1.7	3.4	5.0	10.8	27.8
1999 4/.....	0.6	1.0	1.6	2.3	3.2	7.3	13.3	31.3

ALL RACES 3/, FEMALE

2001	0.3	0.7	1.3	1.5	2.8	4.9	9.3	22.9
2000 4/.....	0.4	0.7	1.0	1.5	2.7	5.1	9.3	22.9
1999 4/.....	0.3	0.7	1.2	2.0	2.9	6.1	11.7	28.2

WHITE, BOTH SEXES

2001	0.2	0.4	0.7	1.1	2.0	3.9	8.3	21.0
2000 4/.....	0.2	0.4	0.5	0.9	2.2	4.0	8.1	22.0
1999 4/.....	0.2	0.4	0.7	1.2	1.9	5.2	10.4	26.1

WHITE, MALE

2001	0.3	0.4	0.7	1.3	2.0	4.1	8.7	22.7
2000 4/.....	*	0.4	0.5	1.0	2.5	4.4	9.2	24.4
1999 4/.....	*	0.5	0.8	1.4	2.0	5.8	12.1	28.8

WHITE, FEMALE

2001	*	0.3	0.8	0.8	2.0	3.7	8.0	20.3
2000 4/.....	*	0.4	0.5	0.8	2.0	3.7	7.4	21.1
1999 4/.....	*	0.4	0.6	1.1	1.8	4.7	9.5	25.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hypertensive heart and renal disease (I13)

BLACK, BOTH SEXES

2001	2.3	4.4	5.7	8.4	11.8	18.4	22.8	50.1
2000 4/.....	2.5	4.1	5.3	8.3	11.9	17.6	31.1	50.4
1999 4/.....	2.3	5.0	7.3	10.1	15.4	21.8	35.3	65.4

BLACK, MALE

2001	3.5	5.6	6.3	10.7	13.5	18.1	19.3	44.3
2000 4/.....	2.9	5.1	5.6	9.4	13.7	13.7	33.7	63.4
1999 4/.....	3.4	6.3	9.3	10.6	17.3	23.7	29.6	59.8

BLACK, FEMALE

2001	*	3.3	5.3	6.8	10.8	18.6	24.5	52.2
2000 4/.....	2.1	3.2	5.1	7.5	10.7	19.9	29.7	45.5
1999 4/.....	*	4.0	5.7	9.6	14.2	20.6	38.0	67.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Ischemic heart diseases (I20-I25)								
ALL RACES 3/, BOTH SEXES								
2001	84.8	142.8	236.6	372.4	591.8	984.3	1,685.2	3,958.2
2000 4/.....	86.7	153.9	250.0	390.8	628.0	1,032.5	1,761.7	4,182.5
1999 4/.....	90.1	157.2	260.0	420.1	661.9	1,081.1	1,841.7	4,318.1
ALL RACES 3/, MALE								
2001	131.1	215.5	344.4	525.7	820.3	1,337.5	2,180.0	4,395.8
2000 4/.....	134.2	232.8	362.9	550.5	879.6	1,394.4	2,305.0	4,701.7
1999 4/.....	140.3	237.7	376.1	595.2	924.6	1,462.5	2,400.4	4,837.5
ALL RACES 3/, FEMALE								
2001	40.3	74.8	138.8	240.5	410.2	737.0	1,388.7	3,775.1
2000 4/.....	41.3	80.0	147.7	253.9	429.9	780.5	1,441.2	3,971.0
1999 4/.....	42.1	82.1	155.0	270.2	456.7	815.9	1,514.7	4,108.8
WHITE, BOTH SEXES								
2001	80.3	135.4	225.8	357.9	580.5	972.9	1,689.9	4,022.7
2000 4/.....	82.4	146.2	238.5	378.4	615.0	1,019.7	1,768.5	4,257.7
1999 4/.....	85.4	149.1	249.5	408.5	647.3	1,070.6	1,849.5	4,389.2
WHITE, MALE								
2001	126.4	207.2	333.9	512.8	810.3	1,335.1	2,201.7	4,494.0
2000 4/.....	130.0	223.7	352.1	541.2	870.1	1,390.0	2,328.3	4,813.9
1999 4/.....	135.0	228.2	364.4	586.0	913.4	1,463.9	2,429.7	4,933.9
WHITE, FEMALE								
2001	35.2	66.8	126.1	222.0	394.4	716.3	1,380.6	3,825.5
2000 4/.....	36.0	72.5	133.8	236.0	410.4	759.2	1,435.5	4,031.8
1999 4/.....	37.0	73.8	143.6	253.7	435.9	794.5	1,507.0	4,170.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR								
	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Ischemic heart diseases (I20-I25)								
BLACK, BOTH SEXES								
2001	138.8	236.1	376.4	562.5	810.8	1,249.3	1,837.2	3,615.1
2000 4/.....	140.3	250.9	392.9	566.1	866.5	1,296.9	1,882.8	3,684.7
1999 4/.....	149.3	258.5	395.4	596.2	906.3	1,321.5	1,926.9	3,805.8
BLACK, MALE								
2001	199.9	333.7	515.8	743.8	1,093.0	1,582.5	2,244.8	3,775.0
2000 4/.....	197.6	366.7	530.3	727.5	1,139.7	1,630.6	2,316.5	3,885.2
1999 4/.....	217.6	372.5	553.5	788.8	1,188.9	1,630.3	2,312.4	4,080.1
BLACK, FEMALE								
2001	86.8	156.0	266.7	428.6	622.8	1,050.3	1,629.6	3,555.7
2000 4/.....	91.4	156.0	284.5	447.0	685.1	1,095.7	1,664.3	3,610.0
1999 4/.....	91.4	165.5	271.4	453.5	718.8	1,135.4	1,735.9	3,703.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute myocardial infarction (I21-I22)

ALL RACES 3/, BOTH SEXES								
2001	36.5	61.3	100.1	154.1	235.6	374.0	611.5	1,265.4
2000 4/.....	37.8	67.0	110.9	166.8	254.7	405.3	650.1	1,338.5
1999 4/.....	39.0	69.7	114.9	181.7	271.6	422.9	689.4	1,379.3
ALL RACES 3/, MALE								
2001	55.6	91.3	143.5	214.2	322.0	495.6	776.1	1,461.3
2000 4/.....	57.5	99.7	158.6	231.3	349.6	535.2	835.8	1,568.3
1999 4/.....	60.9	105.3	164.9	253.5	373.8	564.2	885.1	1,622.1
ALL RACES 3/, FEMALE								
2001	18.2	33.2	60.7	102.4	167.0	288.8	512.9	1,183.5
2000 4/.....	18.9	36.5	67.7	111.5	179.9	314.9	540.6	1,244.8
1999 4/.....	18.0	36.5	69.6	120.2	191.7	324.7	574.9	1,281.5
WHITE, BOTH SEXES								
2001	35.4	59.8	98.4	150.8	233.3	371.9	612.7	1,277.8
2000 4/.....	36.7	65.6	108.9	164.1	251.8	401.7	652.6	1,353.5
1999 4/.....	38.3	68.2	113.4	180.6	268.3	421.1	692.5	1,393.2
WHITE, MALE								
2001	55.1	90.6	143.7	213.3	321.9	497.6	784.0	1,481.1
2000 4/.....	57.2	98.8	158.3	231.1	349.3	536.3	843.5	1,592.9
1999 4/.....	60.8	104.0	165.1	254.3	374.0	568.8	896.6	1,644.0
WHITE, FEMALE								
2001	16.1	30.3	56.7	96.0	161.5	282.8	509.1	1,192.7
2000 4/.....	16.6	34.1	63.5	105.5	173.6	307.0	539.1	1,256.2
1999 4/.....	16.2	34.2	65.8	116.3	184.3	317.3	572.1	1,292.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute myocardial infarction (I21-I22)

BLACK, BOTH SEXES								
2001	53.2	89.2	135.9	211.1	304.3	452.3	671.2	1,239.9
2000 4/.....	55.5	94.7	151.4	219.0	328.8	490.6	698.8	1,275.7
1999 4/.....	54.9	96.9	150.2	224.0	347.5	495.1	729.6	1,318.8
BLACK, MALE								
2001	71.2	120.1	174.5	264.8	386.4	548.7	792.2	1,382.0
2000 4/.....	72.7	131.4	196.7	270.9	419.2	592.5	856.5	1,418.5
1999 4/.....	76.9	138.8	198.8	290.8	435.5	591.7	858.0	1,498.7
BLACK, FEMALE								
2001	37.8	63.8	105.6	171.4	249.5	394.7	609.5	1,187.2
2000 4/.....	40.8	64.6	115.7	180.7	268.8	429.2	619.4	1,222.5
1999 4/.....	36.2	62.6	112.1	174.5	289.2	436.8	665.9	1,251.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other acute ischemic heart diseases (I24)

ALL RACES 3/, BOTH SEXES

2001	1.0	1.4	2.4	2.9	4.1	5.3	9.2	21.5
2000 4/.....	1.1	1.6	2.5	3.1	4.0	5.9	9.4	21.9
1999 4/.....	0.9	1.6	2.2	3.1	4.3	5.5	9.2	21.9

ALL RACES 3/, MALE

2001	1.6	2.0	3.5	4.1	5.5	6.7	11.3	20.7
2000 4/.....	1.6	2.5	3.5	4.4	5.2	7.6	11.7	20.7
1999 4/.....	1.3	2.5	3.1	4.3	5.6	7.6	10.8	22.3

ALL RACES 3/, FEMALE

2001	0.5	0.9	1.3	2.0	3.1	4.4	8.0	21.8
2000 4/.....	0.5	0.8	1.5	1.9	2.9	4.8	8.1	22.4
1999 4/.....	0.6	0.7	1.5	2.0	3.2	4.1	8.3	21.7

WHITE, BOTH SEXES

2001	0.9	1.3	2.1	2.7	4.0	5.2	9.2	21.5
2000 4/.....	1.0	1.4	2.2	2.9	3.8	5.6	9.3	22.1
1999 4/.....	0.8	1.4	2.1	3.0	4.0	5.4	8.9	22.4

WHITE, MALE

2001	1.3	1.8	3.1	3.5	5.4	6.5	11.6	20.7
2000 4/.....	1.5	2.2	3.2	4.0	4.9	7.2	11.6	21.0
1999 4/.....	1.2	2.2	2.8	4.1	5.2	7.6	10.3	22.9

WHITE, FEMALE

2001	0.4	0.8	1.2	1.9	2.9	4.3	7.7	21.7
2000 4/.....	0.5	0.6	1.3	1.9	2.8	4.5	8.0	22.6
1999 4/.....	0.5	0.7	1.5	2.0	3.0	3.8	8.1	22.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other acute ischemic heart diseases (I24)

BLACK, BOTH SEXES

2001	2.1	2.8	5.2	5.3	6.2	6.9	10.8	24.0
2000 4/.....	2.1	3.8	4.7	5.2	6.1	10.0	12.1	21.9
1999 4/.....	2.2	3.3	3.9	4.3	7.3	8.7	13.9	17.2

BLACK, MALE

2001	3.6	3.4	8.1	9.1	7.7	11.2	*	23.8
2000 4/.....	3.6	5.8	6.6	8.3	9.0	13.2	*	*
1999 4/.....	2.8	5.8	6.6	6.8	10.2	10.0	17.4	*

BLACK, FEMALE

2001	*	*	*	*	5.2	*	11.9	24.0
2000 4/.....	*	*	3.3	*	*	8.0	10.6	22.3
1999 4/.....	*	*	*	*	5.4	8.0	12.1	16.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other forms of chronic ischemic heart disease (I20,I25)

ALL RACES 3/, BOTH SEXES

2001	47.3	80.1	134.1	215.4	352.0	605.0	1,064.5	2,671.3
2000 4/.....	47.9	85.2	136.6	221.0	369.4	621.2	1,102.2	2,822.1
1999 4/.....	50.2	85.9	142.9	235.3	386.1	652.6	1,143.1	2,917.0

ALL RACES 3/, MALE

2001	74.0	122.2	197.4	307.4	492.9	835.3	1,392.6	2,913.8
2000 4/.....	75.1	130.6	200.8	314.8	524.7	851.5	1,457.6	3,112.7
1999 4/.....	78.1	129.9	208.1	337.3	545.2	890.7	1,504.6	3,193.1

ALL RACES 3/, FEMALE

2001	21.7	40.6	76.8	136.2	240.1	443.8	867.9	2,569.8
2000 4/.....	21.8	42.7	78.5	140.5	247.0	460.8	892.5	2,703.8
1999 4/.....	23.4	44.9	83.9	148.1	261.7	487.1	931.6	2,805.7

WHITE, BOTH SEXES

2001	44.0	74.3	125.3	204.5	343.2	595.8	1,068.1	2,723.5
2000 4/.....	44.8	79.2	127.3	211.4	359.4	612.4	1,106.6	2,882.1
1999 4/.....	46.3	79.4	134.0	225.0	375.0	644.2	1,148.1	2,973.6

WHITE, MALE

2001	69.9	114.8	187.1	296.0	483.0	831.0	1,406.1	2,992.2
2000 4/.....	71.3	122.7	190.6	306.1	515.9	846.5	1,473.2	3,200.0
1999 4/.....	72.9	122.0	196.5	327.6	534.1	887.5	1,522.9	3,267.1

WHITE, FEMALE

2001	18.7	35.8	68.2	124.1	230.0	429.2	863.8	2,611.0
2000 4/.....	18.8	37.8	69.0	128.7	233.9	447.7	888.4	2,753.0
1999 4/.....	20.3	38.9	76.3	135.5	248.5	473.4	926.8	2,855.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other forms of chronic ischemic heart disease (I20,I25)

BLACK, BOTH SEXES

2001	83.6	144.1	235.3	346.1	500.3	790.1	1,155.2	2,351.2
2000 4/.....	82.7	152.4	236.7	341.9	531.5	796.3	1,171.8	2,387.1
1999 4/.....	92.2	158.4	241.2	367.9	551.4	817.7	1,183.5	2,469.8

BLACK, MALE

2001	125.1	210.1	333.1	469.8	698.8	1,022.7	1,443.9	2,369.1
2000 4/.....	121.3	229.5	326.9	448.3	711.4	1,024.9	1,444.9	2,446.0
1999 4/.....	138.0	227.8	348.1	491.2	743.2	1,028.6	1,437.0	2,561.5

BLACK, FEMALE

2001	48.2	89.9	158.2	254.8	368.1	651.2	1,008.1	2,344.5
2000 4/.....	49.7	89.2	165.6	263.4	412.0	658.5	1,034.3	2,365.2
1999 4/.....	53.5	101.6	157.4	276.5	424.2	690.6	1,057.9	2,435.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Atherosclerotic cardiovascular disease, so described (I25.0)

ALL RACES 3/, BOTH SEXES

2001	17.4	27.7	40.6	55.3	76.7	121.8	197.2	493.6
2000 4/.....	17.5	28.5	40.7	55.7	81.9	125.0	207.8	534.6
1999 4/.....	17.4	28.6	43.4	59.6	86.8	131.6	218.2	563.4

ALL RACES 3/, MALE

2001	28.3	43.4	61.8	79.0	107.6	160.2	247.4	502.0
2000 4/.....	28.4	45.8	61.3	80.8	115.6	167.1	252.8	550.8
1999 4/.....	28.0	45.0	64.6	87.3	120.8	172.7	264.3	578.6

ALL RACES 3/, FEMALE

2001	7.0	12.9	21.4	34.9	52.1	94.9	167.1	490.1
2000 4/.....	7.2	12.4	22.1	34.1	55.4	95.7	181.2	528.0
1999 4/.....	7.3	13.4	24.1	36.0	60.2	103.1	191.3	557.2

WHITE, BOTH SEXES

2001	15.6	23.9	35.0	47.9	69.4	112.2	190.6	489.7
2000 4/.....	15.7	24.8	35.2	49.5	73.7	116.0	198.5	529.5
1999 4/.....	15.2	24.6	37.5	52.3	77.9	121.5	209.8	557.5

WHITE, MALE

2001	25.7	38.3	54.0	69.3	97.6	148.7	239.9	498.6
2000 4/.....	25.9	40.0	54.2	72.8	104.4	154.6	241.6	545.6
1999 4/.....	24.8	39.4	56.2	77.6	109.0	159.8	253.9	571.2

WHITE, FEMALE

2001	5.7	10.1	17.6	29.1	46.7	86.4	160.8	486.0
2000 4/.....	5.8	10.2	17.6	29.0	49.0	88.8	172.9	522.9
1999 4/.....	5.8	10.6	20.3	30.3	53.1	94.6	183.8	552.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Atherosclerotic cardiovascular disease, so described (I25.0)

BLACK, BOTH SEXES

2001	35.7	64.2	94.4	128.0	162.6	244.0	301.5	594.5
2000 4/.....	36.4	65.4	94.0	119.6	176.8	239.7	340.0	646.6
1999 4/.....	38.4	67.8	98.2	133.9	188.9	261.7	338.9	668.6

BLACK, MALE

2001	56.0	97.0	144.0	183.5	241.0	330.4	388.5	609.3
2000 4/.....	56.8	106.4	137.1	168.6	257.1	338.3	425.7	701.2
1999 4/.....	59.7	103.8	147.9	197.3	271.0	350.0	435.1	715.9

BLACK, FEMALE

2001	18.4	37.3	55.4	87.1	110.3	192.5	257.1	589.0
2000 4/.....	19.0	31.8	60.0	83.5	123.4	180.3	296.8	626.3
1999 4/.....	20.4	38.4	59.2	87.0	134.3	208.5	291.3	650.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)

ALL RACES 3/, BOTH SEXES								
2001	29.8	52.4	93.5	160.1	275.3	483.2	867.3	2,177.7
2000 4/.....	30.3	56.7	95.9	165.3	287.4	496.2	894.4	2,287.5
1999 4/.....	32.8	57.3	99.5	175.7	299.3	521.0	924.9	2,353.6
ALL RACES 3/, MALE								
2001	45.7	78.8	135.6	228.4	385.2	675.1	1,145.1	2,411.8
2000 4/.....	46.7	84.9	139.5	234.0	409.1	684.5	1,204.8	2,561.9
1999 4/.....	50.2	84.9	143.5	250.0	424.4	718.0	1,240.3	2,614.4
ALL RACES 3/, FEMALE								
2001	14.7	27.7	55.4	101.2	188.0	348.9	700.7	2,079.8
2000 4/.....	14.6	30.3	56.4	106.3	191.6	365.1	711.3	2,175.8
1999 4/.....	16.1	31.5	59.7	112.1	201.5	384.0	740.3	2,248.4
WHITE, BOTH SEXES								
2001	28.4	50.5	90.2	156.6	273.8	483.6	877.5	2,233.8
2000 4/.....	29.1	54.4	92.2	162.0	285.8	496.4	908.0	2,352.7
1999 4/.....	31.1	54.8	96.5	172.6	297.1	522.7	938.2	2,416.1
WHITE, MALE								
2001	44.2	76.5	133.1	226.8	385.4	682.4	1,166.2	2,493.6
2000 4/.....	45.5	82.7	136.4	233.3	411.5	691.9	1,231.6	2,654.4
1999 4/.....	48.1	82.6	140.3	249.9	425.1	727.7	1,269.0	2,695.9
WHITE, FEMALE								
2001	13.0	25.7	50.7	95.0	183.3	342.8	703.0	2,125.0
2000 4/.....	13.0	27.5	51.4	99.6	184.9	358.9	715.6	2,230.1
1999 4/.....	14.5	28.3	56.1	105.2	195.4	378.8	743.0	2,303.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other forms of chronic ischemic heart disease (I20,I25.1-I25.9)

BLACK, BOTH SEXES

2001	47.9	79.9	140.9	218.1	337.8	546.0	853.7	1,756.7
2000 4/.....	46.3	87.0	142.8	222.3	354.7	556.6	831.8	1,740.5
1999 4/.....	53.8	90.6	143.1	233.9	362.6	555.9	844.6	1,801.2

BLACK, MALE

2001	69.2	113.1	189.2	286.4	457.8	692.3	1,055.4	1,759.8
2000 4/.....	64.5	123.2	189.9	279.7	454.3	686.6	1,019.2	1,744.8
1999 4/.....	78.2	124.1	200.3	293.9	472.2	678.6	1,001.9	1,845.5

BLACK, FEMALE

2001	29.8	52.6	102.9	167.6	257.8	458.7	751.0	1,755.5
2000 4/.....	30.7	57.4	105.6	179.9	288.6	478.2	737.5	1,738.9
1999 4/.....	33.1	63.3	98.2	189.5	289.9	482.0	766.6	1,784.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992),
 RACE, SEX, AND YEAR

	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other heart diseases (I26-I51)

ALL RACES 3/, BOTH SEXES								
2001	25.9	39.7	62.0	100.7	164.7	287.2	537.0	1,475.5
2000 4/.....	25.9	40.2	64.3	103.6	167.1	290.2	542.8	1,509.4
1999 4/.....	25.9	41.8	66.5	105.2	175.0	295.4	553.5	1,512.9
ALL RACES 3/, MALE								
2001	32.7	49.4	77.7	121.5	200.9	344.7	622.1	1,473.4
2000 4/.....	33.4	52.0	80.8	126.9	205.9	345.1	626.8	1,549.1
1999 4/.....	33.3	54.1	84.3	133.4	217.0	350.9	641.4	1,548.9
ALL RACES 3/, FEMALE								
2001	19.5	30.6	47.8	82.8	135.9	247.0	486.0	1,476.4
2000 4/.....	18.7	29.2	49.3	83.6	136.6	252.1	493.2	1,493.2
1999 4/.....	18.9	30.2	50.5	81.0	142.2	256.8	502.0	1,498.5
WHITE, BOTH SEXES								
2001	22.3	34.8	57.2	94.1	159.0	281.6	538.8	1,509.6
2000 4/.....	22.1	35.9	59.0	97.3	160.6	284.5	545.7	1,541.6
1999 4/.....	22.2	36.3	60.4	98.6	167.6	288.5	553.7	1,543.3
WHITE, MALE								
2001	28.9	43.5	72.1	114.9	193.7	338.2	621.9	1,503.4
2000 4/.....	28.6	46.9	74.8	119.7	199.2	339.4	630.8	1,580.5
1999 4/.....	28.7	47.5	76.9	125.6	209.0	344.0	641.4	1,571.5
WHITE, FEMALE								
2001	15.8	26.5	43.5	75.9	130.9	241.5	488.5	1,512.2
2000 4/.....	15.8	25.4	44.3	77.7	129.5	245.9	495.2	1,525.8
1999 4/.....	15.8	25.7	45.1	75.0	134.8	249.5	501.9	1,531.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other heart diseases (I26-I51)

BLACK, BOTH SEXES

2001	60.9	91.4	118.8	179.7	254.5	402.9	601.8	1,277.7
2000 4/.....	62.0	86.2	122.8	181.5	266.8	406.9	590.7	1,306.0
1999 4/.....	62.2	96.8	133.5	185.5	284.2	417.4	621.2	1,302.8

BLACK, MALE

2001	73.7	117.2	151.5	212.9	318.8	494.8	743.2	1,349.1
2000 4/.....	82.1	112.1	153.6	224.8	318.9	480.5	696.3	1,402.3
1999 4/.....	81.9	127.0	172.7	237.8	353.1	489.1	747.3	1,454.1

BLACK, FEMALE

2001	50.1	70.3	93.1	155.1	211.6	348.1	529.8	1,251.2
2000 4/.....	44.8	64.9	98.4	149.6	232.2	362.6	537.5	1,270.2
1999 4/.....	45.4	72.1	102.8	146.8	238.5	374.2	558.7	1,246.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Acute and subacute endocarditis (I33)

ALL RACES 3/, BOTH SEXES

2001	0.5	0.5	0.8	1.1	1.7	2.2	3.0	2.5
2000 4/.....	0.6	0.7	0.7	1.1	1.3	2.2	2.8	2.8
1999 4/.....	0.4	0.7	0.7	1.1	1.5	2.1	2.7	2.9

ALL RACES 3/, MALE

2001	0.7	0.6	1.1	1.1	2.1	3.1	4.3	3.8
2000 4/.....	0.7	0.8	0.9	1.3	1.6	3.1	4.0	4.2
1999 4/.....	0.7	1.0	0.8	1.2	1.7	2.8	3.9	4.7

ALL RACES 3/, FEMALE

2001	0.3	0.5	0.5	1.0	1.3	1.6	2.2	2.0
2000 4/.....	0.4	0.5	0.6	0.9	1.1	1.6	2.0	2.3
1999 4/.....	0.2	0.5	0.7	1.0	1.4	1.7	2.0	2.1

WHITE, BOTH SEXES

2001	0.4	0.4	0.7	0.9	1.5	2.0	3.0	2.6
2000 4/.....	0.4	0.5	0.7	1.1	1.3	2.2	2.7	2.7
1999 4/.....	0.3	0.5	0.6	1.0	1.4	2.2	2.8	3.0

WHITE, MALE

2001	0.5	0.5	0.9	0.9	1.8	3.0	4.3	3.9
2000 4/.....	0.6	0.7	0.9	1.2	1.6	3.2	4.0	4.2
1999 4/.....	0.5	0.8	0.7	1.2	1.6	3.0	4.0	5.1

WHITE, FEMALE

2001	*	0.4	0.4	0.9	1.3	1.3	2.2	2.1
2000 4/.....	0.3	0.4	0.5	1.0	1.0	1.6	2.0	2.1
1999 4/.....	*	*	0.6	0.8	1.3	1.6	2.0	2.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Diseases of pericardium and acute myocarditis (I30-I31,I40)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.4	0.5	0.5	0.8	1.2	1.3	1.9
2000 4/.....	0.2	0.3	0.4	0.5	0.9	1.1	1.3	1.8
1999 4/.....	0.3	0.5	0.6	0.7	0.9	1.2	1.5	2.0

ALL RACES 3/, MALE

2001	0.3	0.4	0.6	0.6	0.8	1.3	1.1	1.8
2000 4/.....	*	0.5	0.4	0.5	1.1	1.4	1.7	2.1
1999 4/.....	0.3	0.6	0.6	0.8	0.9	1.3	1.5	2.5

ALL RACES 3/, FEMALE

2001	0.3	0.4	*	*	0.9	1.1	1.4	2.0
2000 4/.....	0.2	*	0.4	0.5	0.7	0.9	1.0	1.7
1999 4/.....	0.2	0.3	0.6	0.7	0.8	1.2	1.5	1.9

WHITE, BOTH SEXES

2001	0.2	0.3	0.5	0.4	0.9	1.2	1.3	1.9
2000 4/.....	0.2	0.3	0.4	0.5	0.9	1.0	1.4	1.8
1999 4/.....	0.2	0.5	0.6	0.7	0.8	1.2	1.5	2.0

WHITE, MALE

2001	0.3	0.4	0.6	0.5	0.9	1.3	1.1	2.0
2000 4/.....	*	0.5	*	*	1.1	1.2	1.9	2.1
1999 4/.....	*	0.6	0.6	0.7	0.9	1.3	1.5	2.5

WHITE, FEMALE

2001	*	0.3	*	*	0.9	1.2	1.4	1.9
2000 4/.....	*	*	*	0.6	0.7	0.9	1.1	1.6
1999 4/.....	*	*	0.5	0.7	0.8	1.1	1.4	1.8

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Diseases of pericardium and acute myocarditis (I30-I31,I40)

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Heart failure (I50)

ALL RACES 3/, BOTH SEXES

2001	3.3	6.5	13.0	23.8	45.6	92.6	199.2	674.6
2000 4/.....	3.0	6.1	12.8	24.0	46.5	93.5	199.9	684.9
1999 4/.....	2.9	6.5	11.7	23.5	48.3	94.3	201.6	681.9

ALL RACES 3/, MALE

2001	4.0	8.1	15.0	28.0	54.2	107.9	226.6	646.4
2000 4/.....	3.5	7.4	15.3	28.2	55.6	107.9	229.5	672.2
1999 4/.....	3.6	8.0	14.2	28.0	58.9	108.4	224.9	667.0

ALL RACES 3/, FEMALE

2001	2.6	5.1	11.3	20.2	38.7	81.9	182.7	686.4
2000 4/.....	2.5	5.0	10.5	20.3	39.3	83.5	182.4	690.0
1999 4/.....	2.1	5.1	9.5	19.6	39.9	84.5	188.0	687.9

WHITE, BOTH SEXES

2001	2.7	5.7	12.1	22.5	44.3	92.1	201.1	695.1
2000 4/.....	2.5	5.4	11.8	22.6	44.9	92.8	201.8	703.7
1999 4/.....	2.3	5.6	10.9	22.0	46.8	92.5	202.5	699.2

WHITE, MALE

2001	3.4	7.2	14.2	26.5	52.8	107.6	228.2	666.5
2000 4/.....	3.0	6.8	14.1	27.2	54.3	107.7	231.7	690.0
1999 4/.....	2.9	7.1	13.3	26.2	58.1	107.2	226.3	680.0

WHITE, FEMALE

2001	2.0	4.2	10.1	18.9	37.4	81.0	184.7	707.1
2000 4/.....	2.0	4.1	9.6	18.6	37.3	82.4	183.9	709.3
1999 4/.....	1.7	4.2	8.8	18.4	37.8	82.1	188.5	707.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Heart failure (I50)

BLACK, BOTH SEXES

2001	8.7	15.7	24.6	41.2	71.1	121.1	213.7	543.8
2000 4/.....	7.6	14.0	24.3	41.2	72.6	119.8	209.5	558.4
1999 4/.....	8.4	16.4	22.0	42.0	74.0	130.5	216.7	552.9

BLACK, MALE

2001	10.4	18.9	26.4	49.6	86.2	140.8	256.8	541.2
2000 4/.....	9.1	14.8	29.6	45.5	82.9	134.7	242.8	581.2
1999 4/.....	11.0	19.3	27.4	51.4	83.1	146.7	238.9	603.5

BLACK, FEMALE

2001	7.2	13.1	23.2	35.1	61.0	109.3	191.7	544.8
2000 4/.....	6.4	13.4	20.1	38.0	65.7	110.8	192.8	549.9
1999 4/.....	6.3	14.0	17.8	35.0	68.0	120.7	205.7	534.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)

ALL RACES 3/, BOTH SEXES

2001	21.9	32.3	47.8	75.3	116.6	191.2	333.6	796.5
2000 4/.....	22.1	33.1	50.4	78.0	118.4	193.4	338.9	820.0
1999 4/.....	22.3	34.1	53.5	79.9	124.4	197.7	347.6	826.1

ALL RACES 3/, MALE

2001	27.7	40.3	61.1	91.7	143.7	232.4	390.0	821.3
2000 4/.....	28.9	43.4	64.2	96.8	147.6	232.6	391.5	870.7
1999 4/.....	28.7	44.5	68.7	103.5	155.5	238.5	411.1	874.7

ALL RACES 3/, FEMALE

2001	16.3	24.8	35.7	61.2	95.0	162.4	299.7	786.1
2000 4/.....	15.6	23.4	37.8	61.9	95.4	166.0	307.9	799.3
1999 4/.....	16.2	24.3	39.8	59.7	100.1	169.4	310.5	806.5

WHITE, BOTH SEXES

2001	18.9	28.3	44.0	70.3	112.3	186.3	333.4	809.9
2000 4/.....	18.9	29.6	46.2	73.1	113.5	188.4	339.9	833.4
1999 4/.....	19.4	29.8	48.2	74.9	118.6	192.7	346.9	839.0

WHITE, MALE

2001	24.7	35.4	56.5	86.9	138.2	226.4	388.3	831.0
2000 4/.....	24.8	38.9	59.5	90.9	142.2	227.3	393.2	884.2
1999 4/.....	25.1	39.0	62.4	97.5	148.4	232.5	409.5	883.9

WHITE, FEMALE

2001	13.4	21.5	32.5	55.8	91.3	158.0	300.1	801.1
2000 4/.....	13.2	20.7	33.9	57.6	90.4	161.1	308.1	812.7
1999 4/.....	13.7	21.0	35.2	55.1	94.9	164.7	310.0	821.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other forms of heart disease (I26-I28,I34-I38,I42-I49,I51)

BLACK, BOTH SEXES

2001	50.0	73.6	91.5	135.2	179.9	276.1	383.5	730.2
2000 4/.....	52.5	69.7	96.5	137.5	191.0	282.9	377.8	742.0
1999 4/.....	51.8	77.4	109.1	140.1	206.0	283.3	400.8	746.1

BLACK, MALE

2001	60.5	95.7	121.2	158.8	227.2	347.1	479.1	805.6
2000 4/.....	71.0	95.0	122.0	174.3	233.4	340.7	449.3	816.5
1999 4/.....	67.7	103.6	142.8	183.3	265.3	341.0	503.1	849.5

BLACK, FEMALE

2001	41.0	55.4	68.2	117.7	148.4	233.8	334.8	702.2
2000 4/.....	36.8	49.0	76.5	110.4	162.9	248.1	341.8	714.3
1999 4/.....	38.3	56.1	82.7	108.1	166.8	248.6	350.0	707.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Essential (primary) hypertension and hypertensive renal disease (I10,I12)

ALL RACES 3/, BOTH SEXES

2001	3.0	4.4	7.5	12.2	19.0	35.5	65.2	171.9
2000 4/.....	3.0	4.4	7.8	11.5	19.1	33.8	63.0	162.9
1999 4/.....	2.8	4.1	7.3	12.0	18.6	32.7	59.9	152.1

ALL RACES 3/, MALE

2001	3.7	5.2	8.1	13.7	20.0	36.0	61.3	150.8
2000 4/.....	3.8	5.4	9.1	11.5	20.6	34.5	62.9	142.4
1999 4/.....	3.5	5.0	8.2	13.4	20.1	33.1	59.4	132.4

ALL RACES 3/, FEMALE

2001	2.3	3.8	6.9	11.0	18.2	35.2	67.5	180.8
2000 4/.....	2.2	3.5	6.7	11.5	17.9	33.4	63.0	171.3
1999 4/.....	2.1	3.3	6.5	10.8	17.5	32.4	60.2	160.0

WHITE, BOTH SEXES

2001	1.8	2.9	5.3	9.2	15.3	30.9	58.6	163.3
2000 4/.....	1.8	3.0	5.5	8.5	15.3	28.9	57.4	153.2
1999 4/.....	1.6	2.7	5.0	9.1	15.2	27.6	53.3	142.0

WHITE, MALE

2001	2.2	3.5	5.9	10.3	16.4	31.4	54.5	142.2
2000 4/.....	2.5	3.8	6.6	8.8	16.8	29.9	57.5	132.5
1999 4/.....	2.1	3.5	5.8	10.4	16.6	28.1	52.5	121.0

WHITE, FEMALE

2001	1.4	2.4	4.8	8.2	14.5	30.5	61.1	172.2
2000 4/.....	1.1	2.2	4.5	8.3	14.1	28.2	57.4	161.6
1999 4/.....	1.2	1.9	4.3	7.9	14.0	27.2	53.8	150.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Essential (primary) hypertension and hypertensive renal disease (I10,I12)

BLACK, BOTH SEXES

2001	12.5	18.0	27.0	40.4	56.3	89.8	148.2	288.0
2000 4/.....	12.7	17.9	29.0	40.3	58.8	92.4	130.4	283.4
1999 4/.....	12.8	17.0	27.0	38.0	57.2	95.0	138.7	269.4

BLACK, MALE

2001	16.3	21.7	30.3	48.8	61.9	95.2	158.1	275.7
2000 4/.....	15.6	22.6	34.4	40.1	63.9	93.1	137.4	269.9
1999 4/.....	16.6	19.5	31.0	43.1	62.1	98.8	155.2	266.0

BLACK, FEMALE

2001	9.3	15.0	24.5	34.2	52.5	86.5	143.1	292.6
2000 4/.....	10.3	14.2	24.7	40.5	55.5	92.0	126.9	288.5
1999 4/.....	9.5	15.0	24.0	34.2	54.0	92.7	130.5	270.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Cerebrovascular diseases (I60-I69)

ALL RACES 3/, BOTH SEXES								
2001	18.5	28.8	49.6	85.7	164.3	320.2	622.4	1,500.2
2000 4/.....	19.3	30.8	53.8	91.0	169.1	332.8	654.0	1,589.2
1999 4/.....	18.4	31.7	51.4	91.1	173.5	340.6	664.0	1,614.8
ALL RACES 3/, MALE								
2001	20.5	32.8	57.2	98.5	187.9	349.0	654.6	1,380.2
2000 4/.....	21.3	35.2	62.3	102.6	192.9	367.6	695.1	1,484.3
1999 4/.....	20.7	35.7	60.0	102.8	197.7	376.9	706.8	1,512.8
ALL RACES 3/, FEMALE								
2001	16.5	25.1	42.7	74.7	145.6	300.0	603.2	1,550.4
2000 4/.....	17.3	26.6	46.0	81.0	150.3	308.5	629.7	1,632.0
1999 4/.....	16.1	28.0	43.7	81.1	154.5	315.3	639.0	1,656.0
WHITE, BOTH SEXES								
2001	13.8	23.9	41.7	75.2	153.2	309.7	617.1	1,511.2
2000 4/.....	15.4	25.4	46.5	81.9	159.0	321.3	647.0	1,601.6
1999 4/.....	14.4	26.2	43.5	82.9	161.3	329.3	658.4	1,631.6
WHITE, MALE								
2001	15.4	26.9	48.1	86.7	174.8	337.7	648.8	1,386.2
2000 4/.....	16.9	28.6	53.8	91.7	180.5	354.6	686.1	1,490.7
1999 4/.....	16.2	29.5	50.6	93.2	183.6	363.2	700.5	1,522.7
WHITE, FEMALE								
2001	12.2	21.1	35.8	65.1	135.7	289.8	598.0	1,563.5
2000 4/.....	13.9	22.4	39.8	73.3	141.9	297.9	623.8	1,646.7
1999 4/.....	12.7	23.0	37.0	73.9	143.7	305.5	633.6	1,675.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Cerebrovascular diseases (I60-I69)

BLACK, BOTH SEXES

2001	55.0	70.6	117.1	178.3	277.6	460.2	716.4	1,452.7
2000 4/.....	51.2	77.4	114.0	174.8	281.1	475.2	769.4	1,530.0
1999 4/.....	50.6	78.4	118.2	170.0	307.8	487.9	756.4	1,492.5

BLACK, MALE

2001	63.9	87.6	143.4	218.5	336.3	524.6	768.1	1,349.1
2000 4/.....	60.4	97.8	137.5	212.8	340.0	544.8	863.2	1,458.8
1999 4/.....	61.3	92.7	149.4	204.3	366.7	559.0	818.8	1,448.3

BLACK, FEMALE

2001	47.4	56.7	96.5	148.5	238.6	421.9	690.1	1,491.2
2000 4/.....	43.4	60.6	95.4	146.7	242.0	433.2	722.2	1,556.5
1999 4/.....	41.6	66.6	93.7	144.5	268.7	445.1	725.6	1,509.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Atherosclerosis (I70)

ALL RACES 3/, BOTH SEXES

2001	0.7	1.4	2.5	4.9	9.8	21.9	49.2	179.1
2000 4/.....	0.6	1.3	2.6	5.2	10.5	22.7	52.4	188.8
1999 4/.....	0.8	1.3	2.9	5.1	11.2	24.1	53.6	202.0

ALL RACES 3/, MALE

2001	0.8	1.7	3.2	6.2	12.1	25.0	53.2	167.2
2000 4/.....	0.8	1.7	3.6	6.6	13.1	27.5	59.8	176.5
1999 4/.....	1.0	1.8	3.8	6.3	13.3	28.1	60.0	189.0

ALL RACES 3/, FEMALE

2001	0.5	1.1	1.8	3.9	8.1	19.7	46.8	184.1
2000 4/.....	0.4	0.9	1.7	4.0	8.4	19.4	48.1	193.8
1999 4/.....	0.5	0.9	2.2	4.0	9.5	21.4	49.8	207.2

WHITE, BOTH SEXES

2001	0.6	1.4	2.3	4.9	9.8	22.2	50.3	185.9
2000 4/.....	0.5	1.2	2.4	5.2	10.4	23.1	53.0	195.2
1999 4/.....	0.7	1.2	2.9	5.0	11.3	24.2	54.7	207.7

WHITE, MALE

2001	0.8	1.7	3.0	6.2	12.1	25.2	54.0	173.9
2000 4/.....	0.7	1.7	3.5	6.5	13.2	28.2	60.3	181.4
1999 4/.....	1.0	1.6	3.7	6.2	13.3	27.7	60.8	193.7

WHITE, FEMALE

2001	0.5	1.0	1.6	3.9	8.0	20.2	48.0	190.9
2000 4/.....	0.3	0.8	1.5	4.1	8.2	19.5	48.7	200.8
1999 4/.....	0.5	0.9	2.0	3.9	9.7	21.7	51.0	213.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Atherosclerosis (I70)

BLACK, BOTH SEXES

2001	1.0	2.0	5.0	6.3	12.1	22.9	42.8	125.6
2000 4/.....	1.5	2.1	4.7	5.6	12.9	23.5	53.9	138.3
1999 4/.....	1.3	2.1	4.7	7.0	11.9	27.5	46.8	154.3

BLACK, MALE

2001	*	*	5.9	7.6	15.1	30.2	49.0	113.5
2000 4/.....	*	*	6.0	8.6	14.0	25.5	66.6	147.6
1999 4/.....	*	3.4	5.7	8.8	15.6	37.0	56.7	164.0

BLACK, FEMALE

2001	*	*	4.3	5.3	10.1	18.6	39.7	130.1
2000 4/.....	*	*	3.6	*	12.2	22.2	47.6	134.8
1999 4/.....	*	*	3.8	5.6	9.5	21.7	41.9	150.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other diseases of circulatory system (I71-I78)

ALL RACES 3/, BOTH SEXES

2001	3.3	6.0	12.1	22.3	36.6	60.6	88.1	158.2
2000 4/.....	3.5	6.4	12.7	24.5	40.6	62.9	92.2	163.2
1999 4/.....	3.3	6.7	12.5	23.5	40.1	63.5	94.3	165.2

ALL RACES 3/, MALE

2001	4.4	8.2	16.8	30.8	51.2	81.0	122.5	197.3
2000 4/.....	4.9	9.3	18.0	34.6	57.6	88.6	126.6	214.9
1999 4/.....	4.4	9.4	18.2	33.5	56.7	89.1	129.3	207.5

ALL RACES 3/, FEMALE

2001	2.2	3.9	7.8	15.0	25.1	46.3	67.4	141.8
2000 4/.....	2.1	3.7	7.9	15.7	27.2	45.0	71.9	142.2
1999 4/.....	2.1	4.1	7.3	15.0	27.2	45.7	73.7	148.2

WHITE, BOTH SEXES

2001	2.9	5.6	11.7	22.6	36.8	60.6	88.4	158.2
2000 4/.....	3.0	6.0	12.3	24.5	41.4	63.0	93.0	163.0
1999 4/.....	3.0	6.3	12.6	23.7	40.8	64.1	94.8	165.1

WHITE, MALE

2001	3.8	7.9	16.4	31.5	51.7	82.0	124.0	201.3
2000 4/.....	4.4	8.9	17.8	35.5	59.1	89.4	129.7	219.6
1999 4/.....	4.0	9.2	18.6	34.4	58.4	91.1	131.1	211.1

WHITE, FEMALE

2001	2.0	3.4	7.4	14.7	24.7	45.5	67.0	140.1
2000 4/.....	1.8	3.3	7.2	15.0	27.1	44.5	71.2	140.1
1999 4/.....	1.9	3.6	7.1	14.5	26.9	45.1	73.4	146.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

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THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other diseases of circulatory system (I71-I78)

BLACK, BOTH SEXES

2001	6.5	10.7	18.0	22.9	42.8	69.3	96.2	174.7
2000 4/.....	6.8	11.2	18.3	27.3	39.9	68.9	92.3	177.7
1999 4/.....	6.1	11.4	13.5	26.1	38.6	64.3	96.5	178.9

BLACK, MALE

2001	9.4	13.1	23.8	28.0	55.9	79.0	127.6	165.7
2000 4/.....	10.0	15.1	22.6	32.8	51.8	90.7	104.5	177.6
1999 4/.....	8.6	14.1	17.8	31.9	49.2	74.6	117.7	184.0

BLACK, FEMALE

2001	4.1	8.7	13.4	19.1	34.1	63.5	80.1	178.1
2000 4/.....	4.1	8.0	14.9	23.2	32.0	55.8	86.2	177.7
1999 4/.....	4.0	9.1	10.1	21.7	31.5	58.1	86.0	177.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Aortic aneurysm and dissection (I71)

ALL RACES 3/, BOTH SEXES

2001	2.0	3.7	7.8	15.0	23.8	39.0	55.4	77.5
2000 4/.....	2.2	4.3	8.4	16.3	27.8	41.0	56.5	79.2
1999 4/.....	2.1	4.4	8.1	16.5	27.3	42.2	58.2	80.3

ALL RACES 3/, MALE

2001	3.2	5.8	12.0	22.2	36.0	56.3	82.5	114.8
2000 4/.....	3.5	6.7	13.1	24.9	41.8	61.9	84.9	127.3
1999 4/.....	3.3	6.8	13.0	25.3	41.0	63.3	88.6	125.3

ALL RACES 3/, FEMALE

2001	0.9	1.8	3.9	8.8	14.0	26.9	39.2	61.9
2000 4/.....	1.0	2.1	4.1	8.9	16.7	26.5	39.7	59.6
1999 4/.....	1.0	2.1	3.7	9.0	16.6	27.5	40.4	62.2

WHITE, BOTH SEXES

2001	1.7	3.6	7.7	15.5	24.6	39.8	57.0	79.7
2000 4/.....	2.0	4.1	8.4	16.7	29.0	42.0	58.1	80.8
1999 4/.....	1.9	4.2	8.5	17.1	28.4	43.5	60.0	82.2

WHITE, MALE

2001	2.8	5.6	11.9	23.2	37.3	57.7	85.5	120.3
2000 4/.....	3.2	6.5	13.3	26.1	43.8	63.6	88.6	132.8
1999 4/.....	2.9	6.7	13.6	26.5	43.0	66.3	91.5	129.8

WHITE, FEMALE

2001	0.7	1.6	3.9	8.8	14.3	27.1	39.8	62.6
2000 4/.....	0.9	1.9	3.9	8.5	17.1	26.8	40.0	59.6
1999 4/.....	0.9	1.8	3.7	8.9	16.7	27.5	41.3	63.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Aortic aneurysm and dissection (I71)

BLACK, BOTH SEXES

2001	4.4	6.2	9.3	11.6	18.4	34.4	42.5	55.3
2000 4/.....	3.7	7.3	9.3	14.3	20.3	33.8	40.4	62.3
1999 4/.....	4.0	6.5	6.5	14.1	19.8	29.6	40.5	60.3

BLACK, MALE

2001	6.9	8.6	14.6	15.0	26.6	43.2	54.6	48.8
2000 4/.....	6.0	10.4	12.8	17.7	27.7	47.7	45.5	69.2
1999 4/.....	6.4	9.0	9.3	19.2	25.4	29.9	54.1	76.2

BLACK, FEMALE

2001	2.2	4.2	5.1	9.0	13.0	29.1	36.4	57.7
2000 4/.....	*	4.7	6.5	11.7	15.3	25.3	37.8	59.7
1999 4/.....	*	4.4	4.3	10.4	16.0	29.5	33.7	54.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Other diseases of arteries, arterioles and capillaries (I72-I78)

ALL RACES 3/, BOTH SEXES

2001	1.2	2.2	4.3	7.3	12.9	21.5	32.7	80.7
2000 4/.....	1.3	2.1	4.3	8.2	12.8	21.8	35.8	84.0
1999 4/.....	1.2	2.3	4.4	7.0	12.9	21.3	36.1	84.9

ALL RACES 3/, MALE

2001	1.2	2.4	4.8	8.5	15.2	24.7	40.0	82.5
2000 4/.....	1.4	2.6	4.9	9.7	15.7	26.6	41.7	87.6
1999 4/.....	1.2	2.6	5.2	8.1	15.7	25.9	40.8	82.2

ALL RACES 3/, FEMALE

2001	1.3	2.0	3.9	6.3	11.1	19.3	28.3	79.9
2000 4/.....	1.1	1.6	3.7	6.9	10.5	18.5	32.2	82.6
1999 4/.....	1.2	2.1	3.6	6.0	10.6	18.2	33.3	86.0

WHITE, BOTH SEXES

2001	1.2	2.1	4.0	7.1	12.2	20.8	31.4	78.5
2000 4/.....	1.0	1.9	3.9	7.8	12.4	21.0	34.9	82.3
1999 4/.....	1.1	2.1	4.1	6.6	12.5	20.6	34.8	82.9

WHITE, MALE

2001	1.1	2.3	4.4	8.3	14.4	24.2	38.5	80.9
2000 4/.....	1.1	2.4	4.5	9.4	15.3	25.9	41.1	86.9
1999 4/.....	1.1	2.4	4.9	7.9	15.3	24.8	39.6	81.3

WHITE, FEMALE

2001	1.2	1.8	3.5	6.0	10.4	18.4	27.1	77.5
2000 4/.....	0.9	1.4	3.3	6.5	10.0	17.6	31.2	80.4
1999 4/.....	1.0	1.8	3.4	5.6	10.2	17.6	32.0	83.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other diseases of arteries, arterioles and capillaries (I72-I78)

BLACK, BOTH SEXES								
2001	2.1	4.5	8.7	11.3	24.4	34.9	53.6	119.4
2000 4/.....	3.1	3.9	9.0	13.0	19.6	35.2	52.0	115.4
1999 4/.....	2.1	4.9	7.0	11.9	18.8	34.6	56.1	118.6
BLACK, MALE								
2001	2.5	4.5	9.2	13.0	29.3	35.8	73.0	116.9
2000 4/.....	4.0	4.8	9.7	15.1	24.1	43.0	59.0	108.4
1999 4/.....	*	5.1	8.5	12.7	23.7	44.6	63.7	107.8
BLACK, FEMALE								
2001	1.8	4.5	8.3	10.1	21.1	34.4	43.7	120.4
2000 4/.....	2.4	3.2	8.3	11.5	16.6	30.5	48.4	118.0
1999 4/.....	*	4.7	5.8	11.4	15.5	28.6	52.3	122.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other disorders of circulatory system (I80-I99)

ALL RACES 3/, BOTH SEXES

2001	1.3	1.9	2.6	3.8	5.4	7.7	11.9	26.1
2000 4/.....	1.5	1.7	2.6	3.4	5.3	7.7	11.9	25.6
1999 4/.....	1.0	1.6	2.2	3.3	4.3	6.8	12.7	23.4

ALL RACES 3/, MALE

2001	1.5	2.2	2.9	3.9	5.9	8.3	12.1	22.0
2000 4/.....	1.7	1.9	2.7	3.9	5.6	8.0	12.4	22.2
1999 4/.....	1.2	1.7	2.3	3.7	4.8	7.5	13.2	20.8

ALL RACES 3/, FEMALE

2001	1.0	1.7	2.3	3.7	5.0	7.3	11.7	27.8
2000 4/.....	1.3	1.5	2.6	3.0	5.0	7.5	11.6	26.9
1999 4/.....	0.9	1.5	2.1	2.9	3.9	6.3	12.4	24.5

WHITE, BOTH SEXES

2001	1.1	1.8	2.3	3.6	5.1	7.2	11.8	26.0
2000 4/.....	1.4	1.5	2.4	2.9	5.0	7.3	11.8	25.5
1999 4/.....	0.9	1.6	2.1	2.9	4.1	6.5	12.4	23.2

WHITE, MALE

2001	1.3	2.0	2.5	3.6	5.6	7.8	12.0	21.7
2000 4/.....	1.6	1.7	2.4	3.4	5.5	7.8	12.3	22.0
1999 4/.....	1.0	1.7	2.3	3.2	4.7	7.0	12.8	20.7

WHITE, FEMALE

2001	1.0	1.5	2.1	3.5	4.8	6.8	11.7	27.9
2000 4/.....	1.1	1.4	2.4	2.5	4.7	7.0	11.5	26.9
1999 4/.....	0.9	1.5	1.9	2.7	3.7	6.1	12.2	24.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other disorders of circulatory system (I80-I99)

BLACK, BOTH SEXES

2001	2.4	3.9	6.1	6.9	9.0	14.1	14.9	30.1
2000 4/.....	3.2	3.9	5.1	8.7	9.1	14.6	14.1	30.0
1999 4/.....	2.3	2.1	3.9	6.9	6.4	11.4	17.6	28.4

BLACK, MALE

2001	3.1	4.7	8.5	7.9	10.4	16.3	*	29.5
2000 4/.....	3.7	4.8	5.6	9.4	8.7	13.2	*	30.0
1999 4/.....	3.0	*	*	9.3	6.8	14.7	20.9	*

BLACK, FEMALE

2001	*	3.2	4.2	6.2	8.1	12.8	14.7	30.3
2000 4/.....	2.8	3.2	4.7	8.3	9.3	15.4	14.4	30.0
1999 4/.....	*	*	4.2	5.0	6.1	9.4	16.0	30.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Influenza and pneumonia (J10-J18)

ALL RACES 3/, BOTH SEXES

2001	5.4	8.1	13.9	24.4	49.3	101.1	216.9	685.6
2000 4/.....	5.6	8.9	15.6	26.6	52.6	106.7	240.8	744.1
1999 4/.....	5.3	8.4	14.3	25.0	50.5	105.9	233.8	751.8

ALL RACES 3/, MALE

2001	6.7	10.0	17.0	30.3	61.6	130.7	274.7	808.4
2000 4/.....	7.0	10.9	18.9	32.9	65.7	134.1	308.8	892.0
1999 4/.....	6.8	9.7	16.8	31.7	64.2	133.5	301.7	894.7

ALL RACES 3/, FEMALE

2001	4.1	6.4	11.1	19.2	39.5	80.5	182.3	634.2
2000 4/.....	4.3	7.0	12.5	21.2	42.2	87.6	200.7	683.9
1999 4/.....	3.9	7.2	12.0	19.2	39.7	86.7	194.1	694.2

WHITE, BOTH SEXES

2001	4.8	7.5	13.0	23.3	48.1	98.6	216.6	695.0
2000 4/.....	4.9	8.1	14.3	24.5	50.3	105.6	240.7	758.3
1999 4/.....	4.6	7.7	13.1	24.0	48.8	105.5	235.5	764.3

WHITE, MALE

2001	5.7	9.0	15.4	28.3	59.3	125.5	272.3	814.4
2000 4/.....	5.9	9.5	17.2	29.7	62.2	131.8	306.4	906.1
1999 4/.....	5.7	8.6	15.1	30.1	60.9	132.2	301.9	905.7

WHITE, FEMALE

2001	4.0	6.0	10.7	19.0	39.0	79.6	182.9	645.0
2000 4/.....	4.0	6.7	11.6	20.0	40.8	87.1	201.7	698.3
1999 4/.....	3.6	6.7	11.2	18.7	39.1	86.8	196.4	707.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Influenza and pneumonia (J10-J18)

BLACK, BOTH SEXES

2001	10.7	15.5	23.3	34.3	65.7	133.7	224.0	581.3
2000 4/.....	12.2	17.8	27.2	46.0	77.5	124.4	245.4	600.9
1999 4/.....	11.8	16.2	26.6	36.8	75.2	118.7	219.9	634.8

BLACK, MALE

2001	15.7	20.8	33.6	50.1	94.9	203.5	309.0	714.8
2000 4/.....	17.2	25.9	35.2	64.8	107.6	172.5	343.9	755.4
1999 4/.....	17.2	21.7	34.2	51.9	109.6	160.0	312.2	803.8

BLACK, FEMALE

2001	6.5	11.2	15.2	22.7	46.2	92.1	180.7	531.7
2000 4/.....	7.9	11.2	20.9	32.1	57.5	95.4	195.7	543.4
1999 4/.....	7.1	11.8	20.6	25.6	52.4	93.8	174.1	571.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Influenza (J10-J11)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	0.7	2.2
2000 4/.....	0.1	0.3	0.5	0.8	1.4	2.5	6.1	20.2
1999 4/.....	*	0.2	0.4	0.6	1.2	2.1	6.1	21.2

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*	2.2
2000 4/.....	*	0.3	0.5	1.0	1.6	2.7	6.3	20.7
1999 4/.....	*	*	0.5	0.6	1.2	2.4	7.3	19.9

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	0.7	2.2
2000 4/.....	*	*	0.5	0.6	1.2	2.5	6.0	19.9
1999 4/.....	*	*	*	0.6	1.1	1.9	5.4	21.7

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	0.7	2.3
2000 4/.....	0.1	0.3	0.5	0.8	1.4	2.7	6.5	21.4
1999 4/.....	*	0.2	0.4	0.7	1.2	2.2	6.4	22.8

WHITE, MALE

2001	*	*	*	*	*	*	*	2.3
2000 4/.....	*	*	0.5	1.0	1.7	2.7	6.7	21.6
1999 4/.....	*	*	0.5	0.6	1.2	2.6	7.5	21.7

WHITE, FEMALE

2001	*	*	*	*	*	*	0.7	2.3
2000 4/.....	*	*	0.6	0.7	1.2	2.7	6.3	21.3
1999 4/.....	*	*	*	0.7	1.1	2.0	5.7	23.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Influenza (J10-J11)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	9.4
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Pneumonia (J12-J18)								
ALL RACES 3/, BOTH SEXES								
2001	5.3	8.1	13.8	24.3	49.2	100.9	216.1	683.4
2000 4/.....	5.5	8.6	15.1	25.8	51.2	104.1	234.7	723.9
1999 4/.....	5.2	8.2	13.9	24.3	49.3	103.8	227.7	730.6
ALL RACES 3/, MALE								
2001	6.6	9.9	16.9	30.3	61.4	130.5	273.9	806.2
2000 4/.....	6.8	10.6	18.4	31.9	64.1	131.5	302.6	871.3
1999 4/.....	6.7	9.5	16.3	31.1	63.0	131.1	294.5	874.7
ALL RACES 3/, FEMALE								
2001	4.1	6.3	11.0	19.1	39.4	80.2	181.5	632.0
2000 4/.....	4.2	6.7	12.0	20.5	41.0	85.1	194.6	663.9
1999 4/.....	3.9	7.0	11.7	18.6	38.6	84.8	188.7	672.5
WHITE, BOTH SEXES								
2001	4.8	7.4	12.9	23.2	48.0	98.3	215.8	692.7
2000 4/.....	4.8	7.8	13.8	23.7	48.9	102.9	234.3	737.0
1999 4/.....	4.6	7.4	12.6	23.4	47.6	103.3	229.2	741.6
WHITE, MALE								
2001	5.6	9.0	15.3	28.3	59.2	125.3	271.5	812.1
2000 4/.....	5.7	9.2	16.7	28.6	60.6	129.1	299.7	884.4
1999 4/.....	5.6	8.4	14.6	29.5	59.7	129.6	294.3	884.0
WHITE, FEMALE								
2001	3.9	5.9	10.6	18.8	38.9	79.3	182.2	642.8
2000 4/.....	3.9	6.4	11.1	19.4	39.6	84.5	195.4	677.1
1999 4/.....	3.5	6.5	10.8	18.0	37.9	84.8	190.7	684.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pneumonia (J12-J18)

BLACK, BOTH SEXES

2001	10.7	15.4	23.1	34.1	65.7	133.7	222.9	579.7
2000 4/.....	12.1	17.7	26.9	45.4	76.0	123.5	243.1	591.5
1999 4/.....	11.6	16.0	26.4	36.5	73.9	117.8	217.0	629.1

BLACK, MALE

2001	15.7	20.6	33.2	49.6	94.9	203.5	309.0	712.6
2000 4/.....	17.0	25.5	35.0	64.3	106.6	170.6	343.1	742.7
1999 4/.....	17.1	21.7	33.9	51.4	108.2	159.6	307.8	800.3

BLACK, FEMALE

2001	6.5	11.2	15.2	22.7	46.2	92.1	179.1	530.5
2000 4/.....	7.9	11.2	20.4	31.5	55.7	95.1	192.8	535.3
1999 4/.....	7.0	11.4	20.5	25.4	51.1	92.7	172.0	565.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992),	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 YEARS
RACE, SEX, AND YEAR	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	AND OVER

Other acute lower respiratory infections (J20-J22)

ALL RACES 3/, BOTH SEXES								
2001	*	*	*	*	*	0.3	0.7	3.3
2000 4/.....	*	*	*	*	0.3	0.6	0.8	4.5
1999 4/.....	*	*	*	*	0.2	0.6	1.3	6.0
ALL RACES 3/, MALE								
2001	*	*	*	*	*	*	*	2.3
2000 4/.....	*	*	*	*	*	0.7	*	3.8
1999 4/.....	*	*	*	*	*	0.7	1.6	4.0
ALL RACES 3/, FEMALE								
2001	*	*	*	*	*	*	0.7	3.7
2000 4/.....	*	*	*	*	*	0.5	0.9	4.8
1999 4/.....	*	*	*	*	*	0.5	1.1	6.8
WHITE, BOTH SEXES								
2001	*	*	*	*	*	0.3	0.7	3.5
2000 4/.....	*	*	*	*	0.3	0.6	0.9	4.7
1999 4/.....	*	*	*	*	*	0.6	1.3	6.3
WHITE, MALE								
2001	*	*	*	*	*	*	*	2.4
2000 4/.....	*	*	*	*	*	0.8	*	3.8
1999 4/.....	*	*	*	*	*	0.8	1.6	4.0
WHITE, FEMALE								
2001	*	*	*	*	*	*	0.8	3.9
2000 4/.....	*	*	*	*	*	*	1.0	5.1
1999 4/.....	*	*	*	*	*	0.5	1.1	7.2

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Other acute lower respiratory infections (J20-J22)

BLACK, BOTH SEXES								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
 BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
 BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Acute bronchitis and bronchiolitis (J20-J21)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	0.4	2.1
2000 4/.....	*	*	*	*	*	0.4	0.5	2.6
1999 4/.....	*	*	*	*	*	0.4	0.8	3.6

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	2.4
1999 4/.....	*	*	*	*	*	*	*	2.6

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*	2.4
2000 4/.....	*	*	*	*	*	*	*	2.7
1999 4/.....	*	*	*	*	*	*	0.7	4.0

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	0.5	2.1
2000 4/.....	*	*	*	*	*	0.4	0.5	2.7
1999 4/.....	*	*	*	*	*	0.4	0.9	3.8

WHITE, MALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	2.4
1999 4/.....	*	*	*	*	*	*	*	2.6

WHITE, FEMALE

2001	*	*	*	*	*	*	*	2.5
2000 4/.....	*	*	*	*	*	*	*	2.9
1999 4/.....	*	*	*	*	*	*	0.7	4.3

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

2001	.....	*	*	*	*	*	*	1.5
2000	4/.....	*	*	*	*	*	*	2.2
1999	4/.....	*	*	*	*	*	*	2.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Unspecified acute lower respiratory infection (J22)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Chronic lower respiratory diseases (J40-J47)

ALL RACES 3/, BOTH SEXES

2001	11.9	29.4	62.9	124.2	215.4	329.2	452.9	644.7
2000 4/.....	11.8	29.6	62.5	124.1	218.2	327.8	473.4	648.6
1999 4/.....	12.0	31.9	66.6	130.4	227.6	340.2	484.5	646.0

ALL RACES 3/, MALE

2001	12.3	31.4	67.0	137.1	252.9	406.7	583.5	916.9
2000 4/.....	12.1	31.8	68.0	139.7	257.8	404.2	628.5	967.9
1999 4/.....	12.1	34.3	74.6	151.0	278.3	432.4	648.3	996.7

ALL RACES 3/, FEMALE

2001	11.5	27.5	59.1	113.1	185.6	275.0	374.6	530.8
2000 4/.....	11.5	27.5	57.5	110.7	187.0	274.6	381.9	518.5
1999 4/.....	11.9	29.7	59.3	112.8	188.0	276.1	388.7	504.6

WHITE, BOTH SEXES

2001	11.7	30.2	66.2	131.3	227.1	346.1	473.5	671.8
2000 4/.....	11.4	30.1	65.5	130.5	229.6	343.1	495.5	675.6
1999 4/.....	11.8	32.6	69.6	137.2	237.9	353.4	504.9	672.9

WHITE, MALE

2001	11.9	31.8	69.1	142.0	260.8	418.9	600.0	943.6
2000 4/.....	11.5	31.8	69.8	143.1	265.8	415.5	648.5	997.4
1999 4/.....	11.6	34.5	76.3	155.7	285.6	441.3	664.4	1,029.4

WHITE, FEMALE

2001	11.6	28.6	63.5	122.0	199.7	294.5	397.1	557.9
2000 4/.....	11.3	28.4	61.5	119.4	200.5	292.1	404.4	544.8
1999 4/.....	12.0	30.8	63.5	121.1	200.0	291.6	410.7	529.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Chronic lower respiratory diseases (J40-J47)

BLACK, BOTH SEXES

2001	16.6	31.6	52.2	94.3	149.6	206.9	276.5	375.8
2000 4/.....	18.2	33.0	57.4	97.3	151.2	211.6	271.3	373.8
1999 4/.....	17.2	36.1	57.6	100.0	163.3	242.4	295.3	376.2

BLACK, MALE

2001	18.8	37.1	66.3	127.1	222.2	329.9	468.7	671.7
2000 4/.....	19.6	39.5	73.5	138.4	226.3	326.5	448.5	693.1
1999 4/.....	19.7	43.2	79.3	139.4	243.5	387.0	521.4	701.9

BLACK, FEMALE

2001	14.7	27.1	41.1	70.0	101.3	133.4	178.7	266.1
2000 4/.....	16.9	27.7	44.6	67.0	101.2	142.4	182.1	255.0
1999 4/.....	15.0	30.2	40.6	70.8	110.0	155.3	183.2	254.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Bronchitis, chronic and unspecified (J40-J42)

ALL RACES 3/, BOTH SEXES

2001	0.1	0.2	0.3	0.6	0.9	1.7	2.6	9.1
2000 4/.....	*	0.1	0.4	0.7	1.0	2.1	3.6	11.8
1999 4/.....	0.1	0.3	0.6	0.7	1.2	1.9	4.1	10.7

ALL RACES 3/, MALE

2001	*	*	0.4	0.8	1.1	2.2	2.5	9.2
2000 4/.....	*	*	0.4	0.9	1.0	2.8	4.9	12.9
1999 4/.....	*	0.4	0.5	0.8	1.5	2.4	4.7	11.9

ALL RACES 3/, FEMALE

2001	*	*	*	0.4	0.7	1.4	2.6	9.1
2000 4/.....	*	*	0.4	0.5	1.1	1.6	2.8	11.4
1999 4/.....	*	*	0.6	0.5	1.0	1.5	3.8	10.3

WHITE, BOTH SEXES

2001	0.1	0.2	0.3	0.6	0.9	1.8	2.7	9.6
2000 4/.....	*	*	0.5	0.7	1.0	2.2	3.7	12.7
1999 4/.....	*	0.3	0.6	0.7	1.2	1.9	4.1	11.2

WHITE, MALE

2001	*	*	*	0.8	1.0	2.2	2.5	9.4
2000 4/.....	*	*	0.5	1.0	1.0	2.8	5.2	13.8
1999 4/.....	*	0.4	0.5	0.9	1.5	2.4	4.4	12.4

WHITE, FEMALE

2001	*	*	*	*	0.7	1.5	2.8	9.7
2000 4/.....	*	*	0.5	0.5	1.1	1.7	2.8	12.2
1999 4/.....	*	*	0.7	0.5	1.0	1.5	3.9	10.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Bronchitis, chronic and unspecified (J40-J42)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Emphysema (J43)

ALL RACES 3/, BOTH SEXES

2001	1.7	5.0	10.1	19.8	33.2	46.9	55.5	62.1
2000 4/.....	1.8	5.0	10.4	20.7	35.5	47.5	60.4	63.3
1999 4/.....	2.0	5.5	12.1	23.5	38.4	51.3	65.3	62.1

ALL RACES 3/, MALE

2001	2.0	5.8	10.8	22.4	40.3	59.2	74.9	101.2
2000 4/.....	2.1	5.6	11.2	24.5	42.6	60.4	83.6	104.2
1999 4/.....	2.2	6.2	13.6	28.0	48.9	67.3	91.5	105.4

ALL RACES 3/, FEMALE

2001	1.4	4.2	9.5	17.6	27.5	38.3	43.8	45.8
2000 4/.....	1.5	4.5	9.7	17.5	29.9	38.5	46.8	46.7
1999 4/.....	1.7	4.9	10.8	19.8	30.2	40.2	49.9	44.7

WHITE, BOTH SEXES

2001	1.7	5.1	10.9	21.5	35.2	49.8	58.7	65.1
2000 4/.....	1.8	5.3	11.2	22.0	37.9	50.2	63.6	65.8
1999 4/.....	2.0	5.8	13.0	25.4	40.9	53.8	68.8	64.7

WHITE, MALE

2001	1.9	5.8	11.3	23.9	41.6	61.7	78.0	105.1
2000 4/.....	2.0	5.8	11.8	25.0	44.6	63.1	87.0	105.5
1999 4/.....	2.1	6.4	14.2	29.4	50.6	69.6	94.4	109.2

WHITE, FEMALE

2001	1.4	4.5	10.6	19.4	30.0	41.3	47.0	48.4
2000 4/.....	1.5	4.8	10.7	19.3	32.5	41.1	49.8	49.7
1999 4/.....	1.9	5.3	11.9	21.9	33.1	42.6	53.7	46.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Emphysema (J43)

BLACK, BOTH SEXES

2001	2.3	4.9	6.4	11.6	20.1	21.9	26.3	35.3
2000 4/.....	2.5	4.7	7.7	14.9	19.5	24.5	30.8	37.2
1999 4/.....	2.4	4.6	8.0	14.0	20.8	31.4	31.2	37.6

BLACK, MALE

2001	2.9	6.9	9.6	15.8	31.6	34.4	49.0	68.1
2000 4/.....	3.5	5.9	10.8	25.2	30.1	35.0	53.1	87.6
1999 4/.....	4.1	6.4	11.9	22.8	37.0	48.9	65.4	72.6

BLACK, FEMALE

2001	*	3.3	4.0	8.4	12.3	14.4	14.7	23.2
2000 4/.....	*	3.6	5.2	7.3	12.4	18.2	19.5	18.5
1999 4/.....	*	3.0	5.0	7.5	10.1	20.9	14.3	24.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Asthma (J45-J46)

ALL RACES 3/, BOTH SEXES

2001	1.8	1.9	2.6	3.0	3.9	5.2	8.1	16.1
2000 4/.....	1.7	2.0	2.5	3.4	4.6	5.7	8.7	16.7
1999 4/.....	1.7	2.6	2.2	3.7	4.7	6.2	9.6	17.3

ALL RACES 3/, MALE

2001	1.3	1.2	1.9	2.4	3.0	3.8	5.6	12.1
2000 4/.....	1.3	1.6	1.8	2.7	3.4	3.9	6.7	12.9
1999 4/.....	1.2	1.9	1.7	2.6	3.9	4.8	7.2	12.7

ALL RACES 3/, FEMALE

2001	2.2	2.5	3.3	3.6	4.7	6.1	9.6	17.8
2000 4/.....	2.1	2.4	3.1	4.0	5.5	6.9	9.8	18.2
1999 4/.....	2.2	3.3	2.7	4.6	5.4	7.2	11.1	19.2

WHITE, BOTH SEXES

2001	1.4	1.4	1.9	2.6	3.4	4.7	7.8	15.7
2000 4/.....	1.2	1.4	2.0	2.8	4.0	5.2	8.4	15.9
1999 4/.....	1.3	2.0	1.8	3.1	4.0	5.8	9.4	16.6

WHITE, MALE

2001	0.9	1.0	1.2	2.0	2.4	3.3	5.1	11.3
2000 4/.....	1.0	1.0	1.4	2.0	3.0	3.7	6.3	11.4
1999 4/.....	0.9	1.5	1.2	2.0	3.0	4.2	7.0	10.8

WHITE, FEMALE

2001	1.8	1.9	2.5	3.2	4.2	5.7	9.4	17.6
2000 4/.....	1.5	1.8	2.6	3.4	4.8	6.3	9.7	17.7
1999 4/.....	1.7	2.6	2.2	4.0	4.8	6.9	10.8	18.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Asthma (J45-J46)

BLACK, BOTH SEXES

2001	4.9	5.9	7.9	6.3	9.4	10.2	11.1	16.3
2000 4/.....	5.3	6.6	7.2	8.8	9.7	10.7	9.9	22.2
1999 4/.....	5.8	7.3	6.2	8.4	11.1	9.8	11.3	20.4

BLACK, MALE

2001	4.5	3.6	5.9	*	9.8	*	*	*
2000 4/.....	3.5	6.3	6.0	8.6	7.0	*	*	25.4
1999 4/.....	4.2	5.1	5.7	6.8	12.2	9.5	*	*

BLACK, FEMALE

2001	5.3	7.8	9.4	7.5	9.2	11.4	11.9	16.8
2000 4/.....	6.9	6.9	8.2	9.0	11.5	14.2	10.2	21.0
1999 4/.....	7.1	9.1	6.5	9.6	10.4	10.0	13.8	21.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other chronic lower respiratory diseases (J44,J47)

ALL RACES 3/, BOTH SEXES

2001	8.4	22.4	49.8	100.7	177.4	275.4	386.8	557.4
2000 4/.....	8.2	22.4	49.1	99.2	177.1	272.5	400.7	556.7
1999 4/.....	8.2	23.5	51.6	102.5	183.2	280.8	405.5	555.8

ALL RACES 3/, MALE

2001	9.0	24.2	54.0	111.6	208.6	341.5	500.4	794.5
2000 4/.....	8.7	24.4	54.5	111.6	210.9	337.1	533.3	838.0
1999 4/.....	8.6	25.8	58.7	119.6	223.9	357.9	544.9	866.7

ALL RACES 3/, FEMALE

2001	7.8	20.7	46.1	91.4	152.7	229.1	318.6	458.2
2000 4/.....	7.8	20.5	44.3	88.7	150.4	227.6	322.5	442.2
1999 4/.....	7.8	21.4	45.2	87.9	151.4	227.2	324.0	430.5

WHITE, BOTH SEXES

2001	8.6	23.4	53.1	106.6	187.6	289.8	404.4	581.3
2000 4/.....	8.4	23.2	51.8	105.0	186.7	285.5	419.7	581.2
1999 4/.....	8.4	24.4	54.2	108.1	191.8	292.0	422.6	580.3

WHITE, MALE

2001	9.0	24.8	56.2	115.4	215.7	351.7	514.4	817.8
2000 4/.....	8.5	24.9	56.2	115.1	217.3	345.8	550.1	866.7
1999 4/.....	8.6	26.2	60.3	123.4	230.5	365.1	558.5	897.0

WHITE, FEMALE

2001	8.2	22.1	50.2	98.9	164.8	246.0	337.9	482.3
2000 4/.....	8.2	21.6	47.7	96.1	162.1	243.0	342.1	465.2
1999 4/.....	8.3	22.7	48.7	94.7	161.1	240.6	342.4	453.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other chronic lower respiratory diseases (J44,J47)

BLACK, BOTH SEXES

2001	9.4	20.7	37.6	75.7	119.1	173.3	238.4	320.9
2000 4/.....	10.1	21.7	42.2	72.8	120.7	174.7	227.9	310.6
1999 4/.....	8.5	23.9	43.1	77.1	129.9	199.1	248.8	313.7

BLACK, MALE

2001	11.3	26.6	50.4	105.7	179.4	285.3	408.5	583.2
2000 4/.....	12.5	27.3	56.1	104.1	187.9	284.9	383.6	576.6
1999 4/.....	11.0	31.2	61.3	109.6	192.3	325.8	441.2	607.0

BLACK, FEMALE

2001	7.7	15.8	27.5	53.5	78.9	106.5	151.7	223.5
2000 4/.....	8.0	17.0	31.2	49.7	76.1	108.2	149.4	211.6
1999 4/.....	6.5	17.9	28.8	53.1	88.4	122.7	153.4	204.1

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Pneumoconioses and chemical effects (J60-J66,J68)

ALL RACES 3/, BOTH SEXES								
2001	*	0.2	0.3	1.0	2.0	3.4	5.1	6.2
2000 4/.....	*	0.2	0.3	0.9	2.2	3.4	4.8	7.5
1999 4/.....	*	*	0.4	1.1	1.9	3.4	5.2	6.1
ALL RACES 3/, MALE								
2001	*	0.4	0.7	2.0	4.4	7.8	13.2	20.2
2000 4/.....	*	*	0.7	1.8	4.8	7.9	12.3	24.9
1999 4/.....	*	*	0.7	2.3	4.4	8.1	13.5	20.4
ALL RACES 3/, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
WHITE, BOTH SEXES								
2001	*	0.2	0.3	1.1	2.1	3.7	5.4	6.5
2000 4/.....	*	0.2	0.4	1.0	2.4	3.5	5.0	7.9
1999 4/.....	*	*	0.3	1.1	2.0	3.6	5.5	6.3
WHITE, MALE								
2001	*	0.4	0.7	2.2	4.6	8.4	13.7	21.2
2000 4/.....	*	*	0.7	1.9	5.1	8.3	12.8	26.4
1999 4/.....	*	*	0.6	2.4	4.6	8.5	14.3	21.0
WHITE, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pneumoconioses and chemical effects (J60-J66,J68)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pneumonitis due to solids and liquids (J69)

ALL RACES 3/, BOTH SEXES								
2001	1.3	1.8	3.6	6.2	14.1	30.4	68.0	189.4
2000 4/.....	1.2	1.9	3.2	6.7	14.2	30.4	65.7	187.6
1999 4/.....	0.9	2.0	3.1	6.1	13.2	28.2	60.7	175.6
ALL RACES 3/, MALE								
2001	1.7	2.3	4.2	8.2	19.1	41.0	98.1	270.3
2000 4/.....	1.5	2.4	3.9	9.2	20.2	42.4	95.2	276.0
1999 4/.....	1.0	2.4	4.2	8.3	18.4	41.6	90.1	258.4
ALL RACES 3/, FEMALE								
2001	0.9	1.4	3.0	4.4	10.2	23.0	49.9	155.6
2000 4/.....	0.9	1.5	2.5	4.6	9.4	22.1	48.2	151.6
1999 4/.....	0.8	1.6	2.0	4.2	9.2	18.8	43.5	142.2
WHITE, BOTH SEXES								
2001	1.2	1.8	3.5	6.0	13.6	30.2	68.1	190.8
2000 4/.....	1.1	1.9	2.9	6.4	13.4	30.1	65.7	191.0
1999 4/.....	0.8	1.8	2.9	5.8	12.5	27.6	60.3	178.0
WHITE, MALE								
2001	1.5	2.3	4.0	8.0	18.4	40.6	98.7	275.4
2000 4/.....	1.3	2.3	3.6	8.5	18.7	41.4	96.2	284.0
1999 4/.....	0.9	2.2	3.9	7.7	17.1	40.4	88.9	263.6
WHITE, FEMALE								
2001	0.8	1.3	3.0	4.2	9.7	22.8	49.6	155.3
2000 4/.....	0.9	1.4	2.3	4.6	9.1	22.2	47.5	153.2
1999 4/.....	0.8	1.5	2.0	4.1	8.8	18.6	43.4	143.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pneumonitis due to solids and liquids (J69)

BLACK, BOTH SEXES

2001	2.4	2.4	6.0	9.3	22.3	38.6	76.1	185.5
2000 4/.....	2.2	2.9	5.8	11.3	25.1	38.9	71.4	159.8
1999 4/.....	1.8	3.9	5.0	10.1	23.7	40.5	71.1	167.1

BLACK, MALE

2001	3.4	3.1	8.1	12.5	31.0	56.2	108.3	243.9
2000 4/.....	3.1	3.3	7.2	17.4	41.1	62.4	96.1	209.9
1999 4/.....	*	5.1	8.1	15.6	37.3	65.1	109.9	228.5

BLACK, FEMALE

2001	*	*	4.3	6.9	16.6	28.0	59.7	163.8
2000 4/.....	*	*	4.6	6.7	14.4	24.8	59.0	141.2
1999 4/.....	*	2.9	*	6.0	14.6	25.7	51.9	144.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)

ALL RACES 3/, BOTH SEXES

2001	4.4	7.3	12.6	22.8	38.0	61.8	89.6	142.7
2000 4/.....	4.6	7.8	12.7	22.9	36.9	60.5	89.2	141.7
1999 4/.....	4.1	6.9	12.7	22.5	36.8	59.5	87.6	147.6

ALL RACES 3/, MALE

2001	4.9	7.7	15.0	27.1	47.0	76.2	110.0	169.1
2000 4/.....	5.0	8.8	14.6	26.8	45.7	77.3	112.4	179.7
1999 4/.....	4.4	7.4	14.7	27.3	46.4	74.9	115.0	182.3

ALL RACES 3/, FEMALE

2001	4.0	6.8	10.5	19.1	30.8	51.7	77.3	131.6
2000 4/.....	4.2	6.8	10.8	19.6	29.9	48.8	75.6	126.2
1999 4/.....	3.8	6.5	10.9	18.4	29.3	48.8	71.6	133.6

WHITE, BOTH SEXES

2001	3.9	7.0	12.4	23.0	38.7	63.5	92.3	146.0
2000 4/.....	4.3	7.5	12.4	22.8	37.7	62.0	91.2	145.9
1999 4/.....	3.8	6.4	12.6	22.6	37.0	60.6	89.5	150.7

WHITE, MALE

2001	4.4	7.6	14.5	27.5	48.3	78.4	113.3	173.5
2000 4/.....	4.6	8.5	14.4	26.8	46.3	78.9	115.0	184.4
1999 4/.....	4.2	6.7	14.7	27.7	47.0	76.5	117.6	185.7

WHITE, FEMALE

2001	3.4	6.4	10.4	19.1	31.0	52.9	79.6	134.4
2000 4/.....	3.9	6.6	10.6	19.3	30.7	50.1	77.1	130.3
1999 4/.....	3.5	6.2	10.7	18.2	29.1	49.5	72.9	136.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other diseases of respiratory system (J00-J06,J30-J39,J67,J70-J98)

BLACK, BOTH SEXES								
2001	9.3	10.9	17.0	24.2	36.1	50.2	66.9	109.6
2000 4/.....	7.8	11.6	15.5	28.1	33.4	49.8	71.2	98.2
1999 4/.....	7.1	11.7	15.4	25.0	38.0	52.8	66.2	111.6
BLACK, MALE								
2001	9.4	10.5	21.6	28.0	39.4	60.4	85.1	129.3
2000 4/.....	8.6	13.3	17.6	32.5	40.5	67.6	82.6	132.6
1999 4/.....	7.8	13.7	17.8	28.3	44.1	66.5	83.7	145.3
BLACK, FEMALE								
2001	9.1	11.3	13.4	21.4	33.9	44.1	57.6	102.3
2000 4/.....	7.1	10.3	13.9	24.8	28.6	39.0	65.4	85.4
1999 4/.....	6.6	10.1	13.5	22.5	34.0	44.6	57.5	99.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Peptic ulcer (K25-K28)

ALL RACES 3/, BOTH SEXES

2001	0.8	1.3	2.1	3.1	4.8	8.3	16.0	33.4
2000 4/.....	1.0	1.5	2.2	3.1	5.1	8.7	15.6	35.6
1999 4/.....	0.8	1.4	2.2	3.3	5.9	9.1	17.1	34.6

ALL RACES 3/, MALE

2001	1.1	1.8	2.8	4.1	5.6	10.3	17.3	34.9
2000 4/.....	1.5	2.1	2.9	3.9	6.9	11.2	17.8	40.7
1999 4/.....	1.2	1.8	3.0	4.5	7.9	11.0	21.1	37.5

ALL RACES 3/, FEMALE

2001	0.6	0.8	1.5	2.2	4.2	6.9	15.2	32.7
2000 4/.....	0.5	0.9	1.6	2.5	3.6	6.9	14.4	33.5
1999 4/.....	0.5	1.1	1.5	2.3	4.3	7.7	14.7	33.5

WHITE, BOTH SEXES

2001	0.7	1.1	2.0	3.0	4.8	8.3	16.2	34.4
2000 4/.....	0.9	1.4	2.2	3.0	5.1	8.5	16.0	36.3
1999 4/.....	0.7	1.4	2.2	3.1	5.8	9.1	17.1	35.3

WHITE, MALE

2001	0.9	1.5	2.7	3.8	5.3	10.1	17.3	35.7
2000 4/.....	1.3	2.0	2.9	3.8	6.7	10.9	17.8	40.7
1999 4/.....	1.1	1.6	2.9	4.1	7.8	11.1	21.1	38.4

WHITE, FEMALE

2001	0.6	0.8	1.4	2.2	4.4	7.0	15.6	33.9
2000 4/.....	0.5	0.9	1.6	2.4	3.8	6.9	14.9	34.5
1999 4/.....	0.4	1.1	1.5	2.2	4.2	7.7	14.8	34.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Peptic ulcer (K25-K28)

BLACK, BOTH SEXES

2001	1.6	2.5	3.0	3.6	5.5	7.8	11.1	20.9
2000 4/.....	2.0	2.6	2.7	4.1	5.7	9.4	11.0	26.6
1999 4/.....	1.8	2.4	3.2	5.0	6.5	7.7	16.2	25.5

BLACK, MALE

2001	2.7	4.1	4.5	5.3	9.1	10.7	*	23.8
2000 4/.....	3.3	3.5	*	*	10.0	12.8	*	31.1
1999 4/.....	2.8	3.7	5.3	7.5	8.8	*	18.3	28.1

BLACK, FEMALE

2001	*	*	*	*	*	6.1	9.0	19.8
2000 4/.....	*	*	*	*	*	7.4	8.5	24.9
1999 4/.....	*	*	*	*	5.0	6.9	15.1	24.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Diseases of appendix (K35-K38)

ALL RACES 3/, BOTH SEXES

2001	*	0.2	0.2	0.4	0.6	0.5	1.0	2.1
2000 4/.....	0.1	0.2	0.3	0.3	0.5	0.7	1.4	1.6
1999 4/.....	0.1	0.2	0.2	0.3	0.4	0.6	1.1	1.5

ALL RACES 3/, MALE

2001	*	*	*	0.5	0.9	0.7	1.6	2.8
2000 4/.....	*	0.3	0.4	*	0.6	1.0	1.6	2.0
1999 4/.....	*	*	*	*	0.5	0.9	*	2.9

ALL RACES 3/, FEMALE

2001	*	*	*	*	0.4	*	0.7	1.8
2000 4/.....	*	*	*	*	0.4	0.5	1.2	1.5
1999 4/.....	*	*	*	*	*	*	1.1	0.9

WHITE, BOTH SEXES

2001	*	*	*	0.3	0.7	0.5	0.9	2.1
2000 4/.....	*	0.2	0.3	0.2	0.4	0.6	1.3	1.7
1999 4/.....	0.2	*	*	0.3	0.4	0.6	1.0	1.5

WHITE, MALE

2001	*	*	*	*	1.0	0.7	1.5	2.5
2000 4/.....	*	*	0.5	*	*	0.9	1.5	2.0
1999 4/.....	*	*	*	*	*	0.9	*	3.1

WHITE, FEMALE

2001	*	*	*	*	*	*	*	1.9
2000 4/.....	*	*	*	*	*	*	1.2	1.6
1999 4/.....	*	*	*	*	*	*	1.1	0.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Diseases of appendix (K35-K38)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hernia (K40-K46)

ALL RACES 3/, BOTH SEXES

2001	0.3	0.4	0.7	0.8	1.5	2.5	5.0	12.6
2000 4/.....	0.3	0.4	0.6	0.9	1.4	3.0	4.9	13.1
1999 4/.....	0.2	0.3	0.7	0.8	1.6	2.5	5.4	12.7

ALL RACES 3/, MALE

2001	0.3	0.3	0.8	0.9	1.4	2.3	5.3	12.0
2000 4/.....	0.4	0.3	0.6	0.9	1.4	3.0	5.7	12.6
1999 4/.....	0.2	0.3	0.8	0.8	1.5	2.5	6.5	13.2

ALL RACES 3/, FEMALE

2001	0.3	0.5	0.6	0.8	1.6	2.6	4.8	12.8
2000 4/.....	0.3	0.4	0.6	0.9	1.5	3.0	4.4	13.3
1999 4/.....	*	*	0.6	0.8	1.6	2.6	4.8	12.6

WHITE, BOTH SEXES

2001	0.3	0.4	0.7	0.8	1.5	2.5	5.0	12.8
2000 4/.....	0.3	0.4	0.6	0.8	1.5	3.0	5.0	13.3
1999 4/.....	0.2	0.3	0.7	0.7	1.6	2.5	5.5	13.0

WHITE, MALE

2001	0.3	*	0.7	0.9	1.4	2.3	5.2	11.8
2000 4/.....	0.3	*	0.6	0.8	1.5	3.1	5.7	12.7
1999 4/.....	*	0.4	0.8	0.8	1.6	2.5	6.6	12.9

WHITE, FEMALE

2001	0.3	0.5	0.6	0.8	1.6	2.6	5.0	13.2
2000 4/.....	0.3	0.5	0.6	0.8	1.5	2.9	4.6	13.6
1999 4/.....	*	*	0.5	0.7	1.5	2.5	4.9	13.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Hernia (K40-K46)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	11.1
2000 4/.....	*	*	*	*	*	3.9	12.5
1999 4/.....	*	*	*	*	*	3.6	9.9

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	8.8
2000 4/.....	*	*	*	*	*	*	12.4
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Chronic liver disease and cirrhosis (K70,K73-K74)

ALL RACES 3/, BOTH SEXES

2001	20.1	21.1	24.7	28.9	31.1	31.3	28.7	22.2
2000 4/.....	18.7	21.9	26.2	28.9	30.8	31.9	29.6	23.1
1999 4/.....	18.6	21.4	26.5	29.7	31.6	32.6	30.8	23.2

ALL RACES 3/, MALE

2001	30.1	31.5	35.3	39.7	40.8	37.6	35.3	32.0
2000 4/.....	28.6	31.7	37.7	39.3	40.7	40.7	34.6	34.3
1999 4/.....	28.8	32.5	37.2	41.8	41.5	40.1	38.7	33.1

ALL RACES 3/, FEMALE

2001	10.5	11.4	15.2	19.6	23.5	26.9	24.7	18.1
2000 4/.....	9.1	12.7	15.7	19.9	23.1	25.8	26.6	18.5
1999 4/.....	8.8	11.1	16.8	19.4	23.9	27.4	26.2	19.3

WHITE, BOTH SEXES

2001	19.6	20.7	25.3	29.7	32.3	32.6	30.0	23.2
2000 4/.....	18.1	21.6	26.5	29.4	31.8	33.4	30.5	23.9
1999 4/.....	18.3	20.8	26.3	30.2	32.6	33.7	32.0	23.8

WHITE, MALE

2001	29.3	30.6	35.6	40.2	42.1	39.1	37.2	33.5
2000 4/.....	27.8	31.5	38.3	40.2	41.7	42.3	35.9	35.5
1999 4/.....	28.4	31.5	37.4	42.2	42.5	41.1	40.3	34.2

WHITE, FEMALE

2001	10.0	11.3	15.8	20.4	24.3	28.0	25.7	18.9
2000 4/.....	8.7	12.2	15.6	20.0	23.9	27.2	27.3	19.2
1999 4/.....	8.5	10.7	16.2	19.8	24.7	28.4	27.2	19.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Chronic liver disease and cirrhosis (K70,K73-K74)

BLACK, BOTH SEXES

2001	26.8	27.7	23.6	26.9	22.6	21.0	14.6	10.4
2000 4/.....	25.9	25.9	25.9	27.5	24.7	18.3	17.5	13.8
1999 4/.....	22.9	28.2	30.7	27.7	25.3	23.2	18.8	17.2

BLACK, MALE

2001	42.2	43.8	38.4	43.2	33.7	26.9	*	*
2000 4/.....	40.7	38.5	37.3	38.0	37.4	27.4	19.4	*
1999 4/.....	36.6	44.1	42.4	43.4	37.3	31.8	25.3	*

BLACK, FEMALE

2001	13.7	14.5	12.0	14.8	15.2	17.5	14.7	9.7
2000 4/.....	13.3	15.5	17.0	19.8	16.2	12.8	16.6	11.6
1999 4/.....	11.4	15.2	21.5	16.2	17.3	18.0	15.6	15.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Alcoholic liver disease (K70)								
ALL RACES 3/, BOTH SEXES								
2001	11.3	11.1	12.0	11.1	9.0	6.9	3.9	2.4
2000 4/.....	10.7	11.7	12.9	11.4	9.1	7.2	4.4	2.2
1999 4/.....	10.9	11.5	12.6	11.6	9.4	7.3	5.2	2.8
ALL RACES 3/, MALE								
2001	17.0	18.0	19.0	17.9	15.2	12.1	7.0	5.5
2000 4/.....	16.9	18.0	20.3	18.7	15.7	13.8	7.7	5.3
1999 4/.....	17.2	18.7	20.0	19.7	16.2	12.1	9.7	6.1
ALL RACES 3/, FEMALE								
2001	5.8	4.7	5.6	5.3	4.0	3.3	2.1	1.0
2000 4/.....	4.8	5.8	6.2	5.1	3.9	2.6	2.4	1.0
1999 4/.....	4.8	4.9	5.9	4.6	4.0	3.9	2.7	1.5
WHITE, BOTH SEXES								
2001	11.0	11.0	12.2	11.2	9.2	7.1	4.0	2.3
2000 4/.....	10.6	11.5	13.0	11.6	9.3	7.3	4.3	2.3
1999 4/.....	10.8	11.2	12.4	11.5	9.4	7.2	5.3	2.7
WHITE, MALE								
2001	16.8	17.6	19.4	17.8	15.4	12.5	7.2	5.4
2000 4/.....	16.8	18.0	20.6	19.0	15.9	14.1	7.8	5.4
1999 4/.....	17.1	18.2	20.0	19.5	16.2	11.9	9.8	5.8
WHITE, FEMALE								
2001	5.4	4.6	5.7	5.4	4.2	3.3	2.1	1.0
2000 4/.....	4.5	5.3	6.0	5.1	4.0	2.6	2.3	1.0
1999 4/.....	4.5	4.7	5.5	4.6	4.0	3.9	2.6	1.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR								
	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
Alcoholic liver disease (K70)								
BLACK, BOTH SEXES								
2001	14.7	14.1	11.5	13.0	7.8	5.7	*	*
2000 4/.....	13.3	13.9	12.6	11.8	8.4	6.2	*	*
1999 4/.....	12.8	14.8	15.6	12.9	10.4	8.0	*	*
BLACK, MALE								
2001	22.3	23.5	18.7	22.9	15.1	*	*	*
2000 4/.....	20.6	20.4	18.0	19.3	16.7	11.3	*	*
1999 4/.....	20.2	24.9	23.3	24.1	18.7	14.2	*	*
BLACK, FEMALE								
2001	8.2	6.4	5.8	5.6	*	*	*	*
2000 4/.....	7.1	8.5	8.3	6.3	*	*	*	*
1999 4/.....	6.6	6.5	9.5	4.6	5.0	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Other chronic liver disease and cirrhosis (K73-K74)

ALL RACES 3/, BOTH SEXES

2001	8.8	10.0	12.8	17.7	22.2	24.4	24.7	19.9
2000 4/.....	7.9	10.2	13.3	17.5	21.7	24.7	25.2	20.9
1999 4/.....	7.7	9.9	13.9	18.1	22.3	25.4	25.6	20.4

ALL RACES 3/, MALE

2001	13.1	13.5	16.3	21.8	25.6	25.5	28.4	26.5
2000 4/.....	11.6	13.7	17.4	20.6	25.0	27.0	26.8	29.0
1999 4/.....	11.6	13.8	17.3	22.0	25.3	28.0	29.0	27.0

ALL RACES 3/, FEMALE

2001	4.7	6.7	9.6	14.2	19.5	23.6	22.6	17.1
2000 4/.....	4.3	6.9	9.5	14.8	19.2	23.2	24.2	17.5
1999 4/.....	4.0	6.2	10.8	14.8	19.9	23.5	23.6	17.7

WHITE, BOTH SEXES

2001	8.5	9.7	13.1	18.5	23.1	25.5	26.0	20.9
2000 4/.....	7.5	10.1	13.5	17.8	22.5	26.1	26.2	21.6
1999 4/.....	7.6	9.6	13.9	18.7	23.2	26.5	26.8	21.1

WHITE, MALE

2001	12.5	13.0	16.2	22.4	26.7	26.6	30.0	28.1
2000 4/.....	11.0	13.5	17.6	21.2	25.8	28.2	28.1	30.1
1999 4/.....	11.3	13.4	17.3	22.8	26.3	29.1	30.5	28.4

WHITE, FEMALE

2001	4.6	6.6	10.2	15.1	20.2	24.7	23.5	17.9
2000 4/.....	4.2	6.9	9.6	14.8	19.9	24.6	25.1	18.2
1999 4/.....	3.9	6.0	10.7	15.1	20.7	24.6	24.6	18.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other chronic liver disease and cirrhosis (K73-K74)

BLACK, BOTH SEXES

2001	12.1	13.6	12.2	13.9	14.8	15.3	11.6	7.7
2000 4/.....	12.6	12.0	13.3	15.7	16.3	12.1	13.3	12.2
1999 4/.....	10.1	13.4	15.1	14.8	14.9	15.2	13.3	12.8

BLACK, MALE

2001	19.9	20.3	19.7	20.3	18.5	18.1	*	*
2000 4/.....	20.1	18.1	19.3	18.7	20.7	16.1	*	*
1999 4/.....	16.4	19.2	19.1	19.2	18.7	17.6	*	*

BLACK, FEMALE

2001	5.5	8.1	6.2	9.2	12.3	13.6	13.1	*
2000 4/.....	6.1	7.0	8.7	13.4	13.3	9.7	14.0	11.2
1999 4/.....	4.8	8.7	12.0	11.5	12.4	13.7	12.1	13.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Cholelithiasis and other disorders of gallbladder (K80-K82)

ALL RACES 3/, BOTH SEXES

2001	0.4	0.7	1.3	2.0	3.8	5.8	10.0	23.7
2000 4/.....	0.4	0.6	1.0	1.9	3.0	5.7	10.3	24.8
1999 4/.....	0.4	0.7	1.0	1.8	3.4	5.7	10.9	23.9

ALL RACES 3/, MALE

2001	0.4	0.9	1.5	2.2	4.4	7.6	12.1	26.9
2000 4/.....	0.3	0.7	1.2	2.3	3.6	7.4	12.9	27.6
1999 4/.....	0.4	0.9	1.3	2.0	4.2	6.9	13.3	27.7

ALL RACES 3/, FEMALE

2001	0.3	0.5	1.1	1.9	3.3	4.6	8.7	22.4
2000 4/.....	0.4	0.5	0.8	1.6	2.5	4.5	8.7	23.7
1999 4/.....	0.5	0.6	0.7	1.6	2.8	4.8	9.5	22.4

WHITE, BOTH SEXES

2001	0.3	0.6	1.3	1.8	3.7	5.7	9.8	23.9
2000 4/.....	0.3	0.6	0.9	1.8	2.7	5.6	10.1	25.6
1999 4/.....	0.4	0.6	0.9	1.6	3.4	5.7	11.0	24.4

WHITE, MALE

2001	0.4	0.8	1.4	1.9	4.4	7.6	12.0	26.7
2000 4/.....	0.3	0.7	1.1	2.3	3.4	7.4	13.2	28.9
1999 4/.....	0.3	0.7	1.2	1.9	4.2	7.0	13.8	28.1

WHITE, FEMALE

2001	*	0.4	1.1	1.8	3.1	4.4	8.4	22.8
2000 4/.....	0.3	0.4	0.7	1.4	2.2	4.4	8.3	24.3
1999 4/.....	0.4	0.6	0.6	1.4	2.7	4.8	9.3	22.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Cholelithiasis and other disorders of gallbladder (K80-K82)

BLACK, BOTH SEXES

2001	*	1.4	2.0	3.5	6.2	6.1	11.6	19.7
2000 4/.....	*	*	*	3.1	4.9	6.6	11.0	17.8
1999 4/.....	*	*	2.0	3.2	4.1	4.6	11.3	15.3

BLACK, MALE

2001	*	*	*	*	*	*	*	27.2
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	6.3	6.9	13.1	16.8
2000 4/.....	*	*	*	*	4.9	6.3	11.5	19.3
1999 4/.....	*	*	*	*	*	*	12.1	15.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)

ALL RACES 3/, BOTH SEXES

2001	5.8	9.9	16.9	31.7	49.3	82.2	135.8	287.7
2000 4/.....	5.5	9.4	16.9	29.5	47.2	79.5	132.8	277.8
1999 4/.....	5.2	9.0	15.8	28.2	46.7	77.7	127.4	268.9

ALL RACES 3/, MALE

2001	6.7	10.9	18.2	36.5	57.0	100.5	176.8	393.7
2000 4/.....	6.4	10.7	18.6	32.8	54.3	99.8	173.0	380.7
1999 4/.....	5.8	9.9	17.8	31.0	54.9	99.2	168.9	371.1

ALL RACES 3/, FEMALE

2001	4.9	8.9	15.7	27.6	43.2	69.4	111.2	243.3
2000 4/.....	4.6	8.2	15.5	26.6	41.6	65.3	109.0	235.9
1999 4/.....	4.5	8.1	14.0	25.8	40.3	62.8	103.1	227.7

WHITE, BOTH SEXES

2001	4.1	7.3	12.8	25.8	43.1	75.1	127.9	278.2
2000 4/.....	3.8	6.8	13.2	23.8	40.6	73.0	125.3	268.7
1999 4/.....	3.5	6.6	12.2	23.0	40.4	70.9	118.5	255.7

WHITE, MALE

2001	4.9	8.2	14.4	30.5	51.3	94.6	169.0	388.9
2000 4/.....	4.4	7.9	14.9	27.8	48.7	93.4	166.7	376.2
1999 4/.....	4.0	7.8	14.0	26.0	48.9	91.6	159.6	360.8

WHITE, FEMALE

2001	3.3	6.3	11.4	21.7	36.4	61.3	103.1	231.9
2000 4/.....	3.2	5.8	11.6	20.3	34.1	58.6	100.7	225.0
1999 4/.....	3.1	5.5	10.6	20.4	33.6	56.4	94.3	213.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nephritis, nephrotic syndrome and nephrosis (N00-N07,N17-N19,N25-N27)

BLACK, BOTH SEXES

2001	19.8	32.5	53.1	88.6	119.8	172.3	248.6	429.6
2000 4/.....	19.7	32.3	50.7	83.5	119.7	165.4	242.3	406.4
1999 4/.....	19.6	29.1	47.1	77.8	117.0	163.7	246.2	433.3

BLACK, MALE

2001	22.8	37.7	55.5	101.1	130.9	189.1	309.8	511.7
2000 4/.....	24.1	37.4	54.2	86.9	127.7	198.9	290.0	490.1
1999 4/.....	23.4	29.2	54.5	81.8	130.6	208.0	327.0	526.1

BLACK, FEMALE

2001	17.1	28.2	51.2	79.4	112.3	162.3	217.5	399.1
2000 4/.....	16.1	28.2	47.9	81.0	114.3	145.3	218.2	375.2
1999 4/.....	16.4	29.1	41.3	74.8	108.0	137.0	206.1	398.6

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALE

WHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	0.7 1.0
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Acute and rapidly progressive nephritic and nephrotic syndrome (N00-N01,N04)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)

ALL RACES 3/, BOTH SEXES								
2001	0.1	*	0.2	0.5	0.7	0.9	1.5	2.8
2000 4/.....	0.1	0.2	0.3	0.5	0.7	1.1	1.9	2.8
1999 4/.....	0.2	0.2	0.3	0.4	0.7	1.4	2.0	3.2
ALL RACES 3/, MALE								
2001	*	*	*	0.5	1.0	1.3	2.3	3.7
2000 4/.....	*	*	*	0.5	0.8	1.5	2.1	4.5
1999 4/.....	*	*	*	0.5	0.6	1.9	2.7	5.0
ALL RACES 3/, FEMALE								
2001	*	*	*	0.5	0.5	0.7	1.0	2.4
2000 4/.....	*	*	*	*	0.6	0.8	1.8	2.1
1999 4/.....	*	*	*	0.4	0.7	1.1	1.5	2.4
WHITE, BOTH SEXES								
2001	*	*	*	0.4	0.7	0.9	1.5	2.9
2000 4/.....	*	0.2	*	0.4	0.7	1.0	1.9	2.4
1999 4/.....	*	*	0.3	0.3	0.6	1.4	1.8	2.9
WHITE, MALE								
2001	*	*	*	*	1.1	1.2	2.3	4.0
2000 4/.....	*	*	*	*	0.8	1.4	2.2	4.0
1999 4/.....	*	*	*	*	0.6	1.9	2.6	4.6
WHITE, FEMALE								
2001	*	*	*	*	0.5	0.7	0.9	2.4
2000 4/.....	*	*	*	*	0.6	0.7	1.7	1.8
1999 4/.....	*	*	*	*	0.7	1.0	1.4	2.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified (N02-N03, N05-N07, N26)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Renal failure (N17-N19)

ALL RACES 3/, BOTH SEXES

2001	5.7	9.7	16.6	31.1	48.4	80.9	133.8	284.0
2000 4/.....	5.3	9.2	16.6	28.9	46.2	78.1	130.0	273.7
1999 4/.....	4.9	8.7	15.3	27.7	45.7	75.7	124.8	264.8

ALL RACES 3/, MALE

2001	6.5	10.7	17.9	35.9	55.8	98.9	173.9	388.7
2000 4/.....	6.1	10.4	18.1	32.1	53.3	97.9	170.1	374.2
1999 4/.....	5.6	9.7	17.3	30.5	53.9	96.7	165.1	364.6

ALL RACES 3/, FEMALE

2001	4.8	8.8	15.5	27.0	42.5	68.3	109.8	240.1
2000 4/.....	4.5	8.0	15.2	26.1	40.6	64.4	106.4	232.8
1999 4/.....	4.3	7.9	13.5	25.3	39.3	61.1	101.2	224.5

WHITE, BOTH SEXES

2001	4.0	7.1	12.6	25.2	42.1	73.8	126.0	274.6
2000 4/.....	3.7	6.6	12.8	23.3	39.6	71.7	122.6	265.0
1999 4/.....	3.4	6.4	11.9	22.5	39.4	69.0	116.2	251.9

WHITE, MALE

2001	4.7	8.0	14.1	30.0	50.1	93.0	166.1	383.9
2000 4/.....	4.2	7.6	14.5	27.2	47.7	91.6	163.8	370.4
1999 4/.....	3.8	7.6	13.6	25.5	48.0	89.1	156.2	354.9

WHITE, FEMALE

2001	3.3	6.2	11.2	21.1	35.6	60.2	101.8	228.8
2000 4/.....	3.1	5.6	11.3	19.9	33.2	57.8	98.1	222.1
1999 4/.....	2.9	5.3	10.3	19.9	32.5	54.8	92.5	210.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Renal failure (N17-N19)

BLACK, BOTH SEXES

2001	19.3	32.2	52.5	87.1	119.0	170.6	245.9	425.6
2000 4/.....	18.9	32.0	50.1	82.1	118.6	163.1	238.9	400.4
1999 4/.....	18.9	28.5	46.1	76.5	115.7	161.0	241.6	425.3

BLACK, MALE

2001	22.1	37.2	54.5	99.1	129.9	187.7	307.4	508.3
2000 4/.....	22.7	37.0	53.2	84.8	127.0	196.6	287.5	480.9
1999 4/.....	22.7	28.7	53.5	80.5	128.9	204.7	320.9	513.2

BLACK, FEMALE

2001	16.9	28.1	50.9	78.3	111.7	160.3	214.6	394.9
2000 4/.....	15.7	27.8	47.6	80.1	113.0	143.0	214.4	370.4
1999 4/.....	15.8	28.4	40.3	73.5	106.9	134.7	202.2	392.5

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other disorders of kidney (N25,N27)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other disorders of kidney (N25,N27)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Infections of kidney (N10-N12,N13.6,N15.1)

ALL RACES 3/, BOTH SEXES

2001	0.1	0.2	0.2	0.4	0.6	1.7	2.4	6.0
2000 4/.....	0.1	0.2	0.3	0.4	0.7	1.5	2.7	7.5
1999 4/.....	0.2	0.2	0.3	0.5	0.9	1.5	2.7	7.5

ALL RACES 3/, MALE

2001	*	*	*	*	0.5	1.2	2.1	4.3
2000 4/.....	*	*	*	*	*	1.1	2.2	5.6
1999 4/.....	*	*	*	*	0.6	1.2	2.6	6.8

ALL RACES 3/, FEMALE

2001	0.2	*	*	*	0.6	2.1	2.6	6.7
2000 4/.....	*	0.3	0.4	0.5	1.1	1.8	3.0	8.3
1999 4/.....	0.3	*	*	0.6	1.1	1.7	2.8	7.8

WHITE, BOTH SEXES

2001	*	*	*	0.3	0.6	1.7	2.2	6.1
2000 4/.....	*	0.2	0.3	0.4	0.7	1.4	2.5	7.6
1999 4/.....	0.2	0.2	0.2	0.5	0.9	1.5	2.8	7.7

WHITE, MALE

2001	*	*	*	*	*	1.1	2.0	4.3
2000 4/.....	*	*	*	*	*	1.1	2.1	5.9
1999 4/.....	*	*	*	*	*	1.3	2.6	7.2

WHITE, FEMALE

2001	*	*	*	*	0.7	2.2	2.4	6.9
2000 4/.....	*	*	*	0.5	1.0	1.7	2.8	8.3
1999 4/.....	*	*	*	0.6	1.1	1.7	2.9	7.9

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

BLACK, BOTH SEXES								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	7.8
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	9.0
1999 4/.....	*	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

Hyperplasia of prostate (N40)

ALL RACES 3/, BOTH SEXES								
2001	*	*	*	*	0.4	0.8	1.6	5.5
2000 4/.....	*	*	*	*	0.3	0.9	1.9	5.2
1999 4/.....	*	*	*	*	0.4	0.8	2.1	5.0
ALL RACES 3/, MALE								
2001	*	*	*	*	0.8	2.0	4.2	18.6
2000 4/.....	*	*	*	*	0.7	2.1	5.2	18.1
1999 4/.....	*	*	*	*	0.8	2.0	5.6	17.5
WHITE, BOTH SEXES								
2001	*	*	*	*	0.4	0.8	1.6	5.7
2000 4/.....	*	*	*	*	0.3	0.9	2.0	5.2
1999 4/.....	*	*	*	*	0.4	0.8	2.1	5.1
WHITE, MALE								
2001	*	*	*	*	0.8	2.0	4.2	19.4
2000 4/.....	*	*	*	*	0.7	2.1	5.3	18.1
1999 4/.....	*	*	*	*	0.8	2.1	5.5	17.9
BLACK, BOTH SEXES								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
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OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Inflammatory diseases of female pelvic organs (N70-N76)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	0.9
2000 4/.....	*	*	*	*	*	*	0.6
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	1.2
2000 4/.....	*	*	*	*	*	*	0.9
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	0.9
2000 4/.....	*	*	*	*	*	*	0.6
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	1.2
2000 4/.....	*	*	*	*	*	*	0.9
1999 4/.....	*	*	*	*	*	*	*

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

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RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pregnancy, childbirth and the puerperium (000-099)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

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OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Pregnancy with abortive outcome (000-007)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other complications of pregnancy, childbirth and the puerperium (010-099)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Certain conditions originating in the perinatal period (P00-P96)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Certain conditions originating in the perinatal period (P00-P96)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)

ALL RACES 3/, BOTH SEXES

2001	1.8	2.1	2.5	2.2	2.7	3.3	4.3	7.2
2000 4/.....	1.8	2.2	2.5	2.6	2.4	3.3	5.0	7.5
1999 4/.....	1.8	2.3	2.4	2.6	2.5	3.4	5.0	7.8

ALL RACES 3/, MALE

2001	1.9	2.1	2.5	2.5	3.1	3.6	4.8	7.7
2000 4/.....	2.2	2.0	2.6	2.7	2.6	3.3	5.3	10.6
1999 4/.....	2.0	2.5	2.5	2.4	2.6	3.4	5.7	8.5

ALL RACES 3/, FEMALE

2001	1.8	2.1	2.6	2.0	2.4	3.1	4.0	7.0
2000 4/.....	1.5	2.4	2.5	2.5	2.3	3.3	4.8	6.3
1999 4/.....	1.7	2.2	2.3	2.8	2.3	3.4	4.5	7.6

WHITE, BOTH SEXES

2001	1.9	2.2	2.7	2.3	2.7	3.4	4.4	7.4
2000 4/.....	2.0	2.2	2.6	2.6	2.4	3.4	5.2	7.8
1999 4/.....	1.8	2.4	2.4	2.7	2.4	3.3	5.1	8.0

WHITE, MALE

2001	1.9	2.2	2.6	2.7	3.2	3.9	4.6	7.5
2000 4/.....	2.3	2.0	2.8	2.6	2.6	3.4	5.6	11.1
1999 4/.....	2.0	2.6	2.6	2.5	2.6	3.0	5.8	8.6

WHITE, FEMALE

2001	1.9	2.2	2.8	2.1	2.3	3.1	4.2	7.3
2000 4/.....	1.7	2.4	2.4	2.7	2.3	3.4	4.9	6.5
1999 4/.....	1.7	2.3	2.3	2.9	2.3	3.6	4.6	7.7

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES								
2001	1.6	1.9	1.9	*	2.8	*	*	6.1
2000 4/.....	1.5	2.4	2.5	2.8	*	*	*	*
1999 4/.....	1.9	1.9	2.0	2.3	3.4	3.9	*	7.7
 BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
 BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	2.8	3.3	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

ALL RACES 3/, BOTH SEXES

2001	8.8	8.4	9.9	12.7	17.8	29.8	54.3	206.4
2000 4/.....	8.0	8.6	10.2	14.2	19.0	30.1	56.5	208.1
1999 4/.....	5.8	6.9	8.9	11.9	17.6	26.5	50.5	187.7

ALL RACES 3/, MALE

2001	11.8	11.0	13.2	15.5	20.9	33.2	60.6	175.0
2000 4/.....	11.2	11.4	13.4	18.9	22.4	36.1	62.3	182.7
1999 4/.....	7.9	9.1	11.9	15.1	21.8	31.5	54.4	166.3

ALL RACES 3/, FEMALE

2001	5.9	5.9	6.9	10.2	15.4	27.4	50.4	219.5
2000 4/.....	5.0	5.9	7.3	10.1	16.4	26.0	53.0	218.5
1999 4/.....	3.9	4.9	6.2	9.2	14.2	23.0	48.3	196.4

WHITE, BOTH SEXES

2001	8.3	7.9	9.4	11.8	17.2	29.5	53.9	210.0
2000 4/.....	7.3	7.9	9.5	13.0	18.5	29.5	56.0	212.2
1999 4/.....	5.0	6.2	8.2	11.1	17.0	25.5	49.5	190.2

WHITE, MALE

2001	11.2	10.1	12.2	14.3	20.3	33.2	60.6	177.0
2000 4/.....	10.1	10.2	12.4	17.1	21.5	35.4	62.0	186.8
1999 4/.....	6.7	8.0	10.9	13.9	21.0	30.3	52.6	167.3

WHITE, FEMALE

2001	5.5	5.7	6.7	9.7	14.6	26.8	49.9	223.8
2000 4/.....	4.6	5.6	6.7	9.4	16.0	25.4	52.4	222.5
1999 4/.....	3.4	4.5	5.7	8.6	13.8	22.1	47.6	199.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

BLACK, BOTH SEXES

2001	14.6	14.3	15.4	21.7	27.9	38.6	66.6	191.6
2000 4/.....	15.9	16.0	19.0	28.3	29.7	44.2	73.4	186.4
1999 4/.....	13.3	14.9	17.0	22.3	27.2	42.7	72.5	182.4

BLACK, MALE

2001	18.9	21.7	25.4	29.5	31.6	40.9	70.6	184.9
2000 4/.....	23.6	25.0	25.5	41.4	38.1	54.8	83.5	161.5
1999 4/.....	19.1	22.4	24.0	30.1	35.6	54.1	88.1	184.0

BLACK, FEMALE

2001	11.0	8.2	7.5	16.0	25.3	37.2	64.6	194.1
2000 4/.....	9.4	8.6	13.9	18.6	24.2	37.9	68.4	195.7
1999 4/.....	8.5	8.9	11.5	16.5	21.6	35.8	64.8	181.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)

ALL RACES 3/, BOTH SEXES								
2001	40.9	53.2	76.4	112.0	172.3	295.5	539.3	1,476.7
2000 4/.....	40.4	53.1	74.1	106.0	168.2	288.9	537.8	1,445.7
1999 4/.....	38.4	51.0	72.1	107.7	167.8	281.3	510.8	1,410.7
ALL RACES 3/, MALE								
2001	49.1	59.9	85.8	124.3	186.5	307.6	539.6	1,271.6
2000 4/.....	47.6	60.9	83.1	117.6	183.1	303.4	537.6	1,266.2
1999 4/.....	45.4	59.5	80.9	117.1	184.3	298.1	528.1	1,225.4
ALL RACES 3/, FEMALE								
2001	33.0	46.9	67.9	101.4	161.0	287.0	539.1	1,562.6
2000 4/.....	33.4	45.8	65.9	96.1	156.5	278.8	537.8	1,518.8
1999 4/.....	31.7	43.1	64.2	99.5	154.8	269.7	500.7	1,485.3
WHITE, BOTH SEXES								
2001	37.3	49.5	72.6	108.9	169.2	292.6	541.2	1,498.0
2000 4/.....	37.1	49.3	70.1	102.5	164.5	285.7	537.2	1,464.6
1999 4/.....	34.8	47.4	68.6	103.2	163.6	277.1	512.1	1,434.0
WHITE, MALE								
2001	45.1	55.3	81.8	119.9	182.1	302.0	540.6	1,282.9
2000 4/.....	44.1	56.8	77.5	112.7	177.5	298.2	533.4	1,274.8
1999 4/.....	41.6	55.4	76.8	111.8	179.1	290.9	525.5	1,231.6
WHITE, FEMALE								
2001	29.7	44.0	64.2	99.2	158.8	285.9	541.6	1,588.0
2000 4/.....	30.3	42.2	63.2	93.6	154.2	277.0	539.4	1,541.7
1999 4/.....	28.3	39.9	61.0	95.7	151.2	267.4	504.2	1,515.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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All other diseases (Residual) (D65-E07,E15-E34,E65-F99,G04-G12,G23-G25,G31-H93,K00-K22,K29-K31,K50-K66,K71-K72,K75-K76,K83-M99,N13.0-N13.5,N13.7-N13.9,N14,N15.0,N15.8-N15.9,N20-N23,N28-N39,N41-N64,N80-N98)

BLACK, BOTH SEXES

2001	79.4	95.6	122.1	163.6	237.0	380.4	612.1	1,418.0
2000 4/.....	75.6	95.5	122.2	157.2	233.9	372.5	618.9	1,388.9
1999 4/.....	75.4	92.1	117.2	167.2	239.7	369.5	556.5	1,286.2

BLACK, MALE

2001	95.9	114.8	141.6	196.9	273.3	445.6	659.7	1,313.9
2000 4/.....	89.1	114.4	150.1	188.4	279.8	428.6	692.9	1,325.1
1999 4/.....	89.5	111.0	134.9	189.5	274.1	434.1	635.7	1,291.3

BLACK, FEMALE

2001	65.3	79.8	106.7	138.9	212.8	341.4	587.9	1,456.6
2000 4/.....	64.0	79.9	100.2	134.2	203.3	338.6	581.7	1,412.7
1999 4/.....	63.5	76.6	103.3	150.6	216.9	330.7	517.3	1,284.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidents (unintentional injuries) (V01-X59,Y85-Y86)

ALL RACES 3/, BOTH SEXES

2001	31.9	29.3	31.5	36.8	49.3	80.4	130.4	276.4
2000 4/.....	30.8	29.9	32.2	35.4	48.8	75.5	124.6	273.5
1999 4/.....	29.2	30.1	31.2	38.7	50.9	78.6	133.3	282.4

ALL RACES 3/, MALE

2001	46.9	41.8	44.5	49.9	65.6	108.3	173.2	358.5
2000 4/.....	46.0	43.1	45.3	48.1	64.6	99.8	164.8	359.7
1999 4/.....	43.6	43.6	44.5	53.1	68.2	102.8	181.8	375.4

ALL RACES 3/, FEMALE

2001	17.5	17.6	19.6	25.5	36.3	60.9	104.8	242.0
2000 4/.....	16.1	17.5	20.4	24.5	36.4	58.5	100.9	238.4
1999 4/.....	15.5	17.6	19.2	26.4	37.3	61.8	105.0	244.8

WHITE, BOTH SEXES

2001	31.1	28.5	30.5	36.4	48.9	81.2	133.3	285.5
2000 4/.....	29.2	28.9	31.8	34.5	48.1	75.7	127.3	282.8
1999 4/.....	27.8	28.9	29.5	37.7	49.5	78.0	135.0	290.4

WHITE, MALE

2001	45.1	40.0	42.6	48.9	64.6	108.2	175.2	368.1
2000 4/.....	43.2	40.8	43.8	45.9	63.3	98.7	166.4	369.8
1999 4/.....	41.1	41.1	42.0	51.1	65.7	100.7	183.4	383.6

WHITE, FEMALE

2001	17.4	17.6	19.3	25.4	36.1	62.0	107.9	251.0
2000 4/.....	15.5	17.5	20.7	24.6	35.8	59.6	104.0	247.4
1999 4/.....	14.9	17.4	18.0	26.1	36.6	62.0	106.5	253.0

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidents (unintentional injuries) (V01-X59,Y85-Y86)

BLACK, BOTH SEXES

2001	44.8	40.6	43.7	45.5	58.0	78.2	104.5	183.6
2000 4/.....	47.0	42.0	39.4	46.1	60.2	75.3	100.0	181.1
1999 4/.....	44.4	43.4	46.3	50.7	66.6	90.3	124.2	207.6

BLACK, MALE

2001	71.8	65.9	69.8	69.1	82.5	119.4	164.5	255.3
2000 4/.....	76.5	71.5	65.4	74.2	86.3	119.5	156.0	275.6
1999 4/.....	73.2	71.5	70.6	77.9	101.8	135.3	177.0	316.4

BLACK, FEMALE

2001	21.8	19.9	23.2	28.0	41.7	53.5	74.0	157.0
2000 4/.....	21.9	17.8	18.8	25.3	42.8	48.7	71.8	145.9
1999 4/.....	20.1	20.4	27.3	30.6	43.2	63.2	98.1	166.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Transport accidents (V01-V99,Y85)

ALL RACES 3/, BOTH SEXES

2001	15.6	15.2	15.4	16.4	19.5	26.2	30.4	28.9
2000 4/.....	15.5	15.7	16.4	16.8	19.4	25.1	30.0	31.5
1999 4/.....	14.9	16.3	15.7	18.1	20.9	25.9	32.1	32.0

ALL RACES 3/, MALE

2001	22.5	21.4	22.0	22.1	26.8	36.2	45.5	52.7
2000 4/.....	22.3	22.4	22.6	22.6	26.3	34.5	44.0	59.8
1999 4/.....	21.5	23.0	21.8	24.8	27.5	36.2	48.3	63.5

ALL RACES 3/, FEMALE

2001	8.9	9.4	9.3	11.6	13.8	19.2	21.3	18.9
2000 4/.....	8.9	9.5	10.7	11.7	13.9	18.5	21.7	19.9
1999 4/.....	8.6	10.0	10.2	12.4	15.7	18.8	22.6	19.3

WHITE, BOTH SEXES

2001	15.7	15.1	15.2	16.4	19.5	26.6	31.2	29.9
2000 4/.....	15.1	15.6	16.4	16.6	19.2	25.3	30.7	32.2
1999 4/.....	14.6	16.1	15.4	18.0	20.8	26.0	32.4	32.3

WHITE, MALE

2001	22.6	21.0	21.5	21.7	26.6	36.2	46.6	54.1
2000 4/.....	21.7	21.8	22.2	21.9	25.8	34.3	44.5	61.6
1999 4/.....	21.0	22.5	21.1	24.6	27.1	35.9	48.4	63.7

WHITE, FEMALE

2001	8.9	9.5	9.3	11.6	13.8	19.8	21.8	19.7
2000 4/.....	8.6	9.6	11.1	12.0	13.9	19.0	22.6	20.3
1999 4/.....	8.4	9.9	10.1	12.3	15.8	19.1	23.0	19.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Transport accidents (V01-V99,Y85)

BLACK, BOTH SEXES

2001	16.8	17.8	18.6	18.6	19.0	22.1	19.8	17.5
2000 4/.....	19.3	18.1	16.4	18.2	21.3	19.4	20.9	21.6
1999 4/.....	18.3	18.7	17.7	18.0	21.0	24.6	28.3	27.7

BLACK, MALE

2001	25.7	28.6	30.9	28.2	26.3	39.0	31.3	35.2
2000 4/.....	30.0	31.0	27.5	31.2	33.4	34.5	39.6	45.0
1999 4/.....	29.1	29.3	28.4	27.3	31.5	40.4	48.8	68.0

BLACK, FEMALE

2001	9.3	8.9	9.0	11.5	14.1	11.9	13.9	10.9
2000 4/.....	10.2	7.6	7.7	8.6	13.3	10.3	11.5	12.9
1999 4/.....	9.1	10.1	9.3	11.2	14.0	15.2	18.1	12.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)

ALL RACES 3/, BOTH SEXES								
2001	13.9	13.7	13.7	14.8	18.0	24.6	28.9	27.8
2000 4/.....	13.8	14.2	14.7	15.1	18.1	23.8	28.5	30.4
1999 4/.....	13.1	14.4	13.9	16.4	19.3	24.1	30.1	30.4
ALL RACES 3/, MALE								
2001	19.7	18.9	19.2	19.2	24.2	33.6	43.1	51.1
2000 4/.....	19.6	19.9	19.7	19.8	23.9	32.2	41.4	57.5
1999 4/.....	18.6	19.8	18.7	22.0	24.7	33.6	45.2	59.8
ALL RACES 3/, FEMALE								
2001	8.3	8.8	8.8	11.0	13.1	18.2	20.4	18.0
2000 4/.....	8.2	9.0	10.2	11.0	13.5	17.9	20.9	19.3
1999 4/.....	8.0	9.4	9.5	11.6	15.0	17.5	21.3	18.5
WHITE, BOTH SEXES								
2001	13.9	13.6	13.5	14.7	17.9	25.0	29.7	28.8
2000 4/.....	13.4	14.1	14.7	14.9	17.9	24.0	29.2	31.1
1999 4/.....	12.9	14.1	13.5	16.3	19.2	24.3	30.6	30.7
WHITE, MALE								
2001	19.7	18.7	18.5	19.0	23.9	33.6	44.3	52.6
2000 4/.....	18.9	19.3	19.2	19.1	23.4	32.0	41.7	59.2
1999 4/.....	18.1	19.2	18.1	21.8	24.4	33.3	45.5	60.3
WHITE, FEMALE								
2001	8.2	8.8	8.8	11.0	13.0	19.0	20.9	18.9
2000 4/.....	7.9	9.1	10.6	11.3	13.5	18.4	21.8	19.7
1999 4/.....	7.7	9.3	9.3	11.6	15.1	18.0	21.8	18.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Motor vehicle accidents (V02-V04,V09.0,V09.2,V12-V14,V19.0-V19.2,V19.4-V19.6,V20-V79,V80.3-V80.5,V81.0-V81.1,V82.0-V82.1,V83-V86,V87.0-V87.8,V88.0-V88.8,V89.0,V89.2)

BLACK, BOTH SEXES

2001	15.3	15.9	16.9	16.5	18.3	20.1	19.0	16.6
2000 4/.....	18.3	16.7	15.4	16.6	20.1	18.1	20.0	20.3
1999 4/.....	16.3	17.1	15.8	16.6	19.6	22.9	26.0	25.5

BLACK, MALE

2001	23.2	24.7	28.5	23.9	24.6	36.2	30.5	35.2
2000 4/.....	28.1	28.2	25.7	27.8	31.4	32.1	38.8	43.8
1999 4/.....	25.5	26.3	24.6	24.9	28.5	38.9	45.3	60.9

BLACK, FEMALE

2001	8.7	8.7	7.8	11.1	14.1	10.5	13.1	9.7
2000 4/.....	9.9	7.3	7.4	8.3	12.7	9.7	10.6	11.6
1999 4/.....	8.5	9.6	8.8	10.4	13.7	13.2	16.4	12.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Other land transport accidents (V01,V05-V06,V09.1,V09.3-V09.9,V10-V11,V15-V18,V19.3,V19.8-V19.9,V80.0-V80.2,V80.6-V80.9,V81.2-V81.9,V82.2-V82.9,V87.9,V88.9,V89.1,V89.3,V89.9)

ALL RACES 3/, BOTH SEXES

2001	0.6	0.5	0.6	0.7	0.6	0.8	0.8	0.7
2000 4/.....	0.6	0.5	0.5	0.5	0.5	0.7	0.8	0.8
1999 4/.....	0.7	0.8	0.8	0.8	0.7	1.3	1.4	1.3

ALL RACES 3/, MALE

2001	0.9	0.8	0.9	1.1	0.9	1.2	*	*
2000 4/.....	0.9	0.7	1.0	0.9	0.9	1.1	1.3	*
1999 4/.....	1.2	1.2	1.1	1.2	1.2	1.7	2.1	2.9

ALL RACES 3/, FEMALE

2001	0.2	*	*	*	*	0.5	0.7	*
2000 4/.....	0.4	*	*	*	*	*	*	*
1999 4/.....	0.3	0.4	0.4	0.5	0.4	0.9	1.0	*

WHITE, BOTH SEXES

2001	0.6	0.5	0.5	0.6	0.6	0.8	0.7	0.6
2000 4/.....	0.6	0.4	0.6	0.5	0.5	0.7	0.8	0.8
1999 4/.....	0.7	0.8	0.8	0.8	0.7	1.2	1.4	1.3

WHITE, MALE

2001	0.9	0.8	0.9	1.0	0.9	1.3	*	*
2000 4/.....	0.8	0.6	1.0	0.8	0.9	1.1	1.3	*
1999 4/.....	1.2	1.3	1.1	1.2	1.1	1.7	2.0	2.8

WHITE, FEMALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	0.4	*	*	*	*	*	*	*
1999 4/.....	0.3	0.4	0.4	0.5	*	0.9	1.0	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000	4/.....	*	*	*	*	*	*	*
1999	4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)

ALL RACES 3/, BOTH SEXES

2001	1.2	1.0	1.1	1.0	0.9	0.8	0.7	0.5
2000 4/.....	1.0	1.0	1.1	1.2	0.7	0.6	0.7	*
1999 4/.....	1.0	1.1	1.1	0.9	0.8	0.5	0.6	*

ALL RACES 3/, MALE

2001	1.9	1.7	1.9	1.8	1.7	1.3	1.4	*
2000 4/.....	1.8	1.8	1.9	2.0	1.4	1.2	1.4	*
1999 4/.....	1.8	2.0	1.9	1.6	1.6	0.9	*	*

ALL RACES 3/, FEMALE

2001	0.4	0.4	*	*	*	0.5	*	*
2000 4/.....	0.3	*	0.4	0.4	*	*	*	*
1999 4/.....	0.3	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	1.2	1.0	1.2	1.0	1.0	0.8	0.7	*
2000 4/.....	1.1	1.1	1.2	1.2	0.8	0.6	0.7	*
1999 4/.....	1.1	1.1	1.1	0.9	0.9	0.5	0.5	*

WHITE, MALE

2001	2.0	1.6	2.1	1.8	1.8	1.3	1.5	*
2000 4/.....	2.0	1.9	2.0	2.0	1.5	1.2	1.5	*
1999 4/.....	1.8	2.0	1.9	1.6	1.6	0.9	*	*

WHITE, FEMALE

2001	0.5	0.5	*	*	*	*	*	*
2000 4/.....	0.3	*	0.4	*	*	*	*	*
1999 4/.....	0.3	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Water, air and space, and other and unspecified transport accidents and their sequelae (V90-V99,Y85)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nontransport accidents (W00-X59,Y86)

ALL RACES 3/, BOTH SEXES

2001	16.3	14.1	16.1	20.3	29.8	54.3	100.1	247.5
2000 4/.....	15.3	14.2	15.9	18.6	29.4	50.4	94.6	242.0
1999 4/.....	14.3	13.9	15.5	20.6	30.0	52.7	101.3	250.3

ALL RACES 3/, MALE

2001	24.3	20.5	22.5	27.8	38.8	72.1	127.8	305.8
2000 4/.....	23.7	20.7	22.7	25.5	38.4	65.3	120.8	299.8
1999 4/.....	22.0	20.6	22.7	28.3	40.7	66.6	133.5	311.9

ALL RACES 3/, FEMALE

2001	8.6	8.2	10.3	13.9	22.6	41.8	83.5	223.1
2000 4/.....	7.3	8.0	9.7	12.8	22.4	40.0	79.2	218.4
1999 4/.....	6.9	7.6	9.0	14.0	21.7	43.0	82.4	225.5

WHITE, BOTH SEXES

2001	15.4	13.4	15.3	20.0	29.4	54.6	102.1	255.7
2000 4/.....	14.1	13.3	15.3	17.9	28.9	50.4	96.5	250.6
1999 4/.....	13.2	12.9	14.2	19.7	28.7	51.9	102.6	258.1

WHITE, MALE

2001	22.4	19.0	21.1	27.1	38.1	72.0	128.6	314.0
2000 4/.....	21.5	19.0	21.6	24.0	37.5	64.4	122.0	308.2
1999 4/.....	20.0	18.6	20.9	26.5	38.6	64.8	135.0	319.8

WHITE, FEMALE

2001	8.5	8.1	10.0	13.8	22.3	42.2	86.1	231.2
2000 4/.....	6.9	7.9	9.5	12.6	21.9	40.6	81.4	227.2
1999 4/.....	6.5	7.4	8.0	13.7	20.8	42.9	83.5	233.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Nontransport accidents (W00-X59,Y86)

BLACK, BOTH SEXES

2001	28.0	22.8	25.1	26.9	39.0	56.1	84.8	166.1
2000 4/.....	27.7	23.9	22.9	27.8	38.8	56.0	79.1	159.5
1999 4/.....	26.2	24.6	28.6	32.7	45.6	65.7	95.9	179.8

BLACK, MALE

2001	46.1	37.2	38.8	40.9	56.2	80.4	133.2	220.1
2000 4/.....	46.5	40.5	37.9	42.9	52.8	85.1	116.3	230.6
1999 4/.....	44.1	42.2	42.2	50.6	70.2	95.0	128.2	248.4

BLACK, FEMALE

2001	12.5	11.0	14.2	16.5	27.6	41.6	60.1	146.1
2000 4/.....	11.7	10.3	11.1	16.7	29.5	38.4	60.3	133.1
1999 4/.....	11.0	10.2	18.0	19.4	29.3	48.1	79.9	154.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Falls (W00-W19)

ALL RACES 3/, BOTH SEXES

2001	2.7	3.3	4.9	7.8	12.4	25.2	49.9	121.5
2000 4/.....	2.6	3.3	4.6	6.2	12.0	22.1	44.5	112.6
1999 4/.....	2.2	3.0	4.6	6.9	11.3	22.3	45.5	110.2

ALL RACES 3/, MALE

2001	4.4	5.0	7.1	10.6	16.0	34.0	64.1	155.7
2000 4/.....	4.2	5.0	6.9	8.6	15.7	29.4	57.3	145.4
1999 4/.....	3.6	4.7	7.0	9.8	15.3	27.9	61.6	142.5

ALL RACES 3/, FEMALE

2001	1.2	1.6	2.9	5.4	9.5	19.0	41.3	107.2
2000 4/.....	1.2	1.8	2.6	4.2	9.1	17.1	36.9	99.2
1999 4/.....	0.9	1.5	2.4	4.5	8.1	18.4	36.0	97.2

WHITE, BOTH SEXES

2001	2.8	3.2	4.9	8.0	12.8	26.3	52.4	128.0
2000 4/.....	2.5	3.2	4.6	6.2	12.3	23.1	46.6	119.1
1999 4/.....	2.1	2.9	4.3	6.9	11.4	23.0	47.7	115.9

WHITE, MALE

2001	4.4	4.9	7.0	10.8	16.5	35.1	66.6	162.3
2000 4/.....	3.9	4.8	6.9	8.4	16.2	30.3	59.7	152.8
1999 4/.....	3.3	4.4	6.6	9.6	15.3	28.3	64.2	149.1

WHITE, FEMALE

2001	1.2	1.6	2.9	5.6	9.9	20.0	43.9	113.6
2000 4/.....	1.2	1.8	2.6	4.3	9.3	18.1	38.8	105.4
1999 4/.....	0.9	1.5	2.2	4.6	8.3	19.3	37.9	102.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Falls (W00-W19)

BLACK, BOTH SEXES

2001	3.3	3.9	4.9	7.9	9.7	16.3	21.9	44.5
2000 4/.....	3.6	4.5	5.1	7.1	9.7	11.6	20.3	38.8
1999 4/.....	3.6	4.5	6.7	9.0	9.5	13.4	23.1	45.3

BLACK, MALE

2001	6.0	6.4	7.7	11.9	13.5	24.2	36.1	68.1
2000 4/.....	6.3	7.7	8.7	10.7	12.4	18.4	26.1	61.1
1999 4/.....	6.0	7.6	10.2	14.8	14.6	20.4	31.4	58.6

BLACK, FEMALE

2001	*	*	*	4.9	7.2	11.6	14.7	35.8
2000 4/.....	*	*	*	4.4	8.0	7.4	17.4	30.5
1999 4/.....	*	*	4.0	4.6	6.1	9.2	19.0	40.3

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, (1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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ALL RACES 3/, BOTH SEXES

ALL RACES 3/, MALEALL RACES 3/, FEMALEWHITE, BOTH SEXES

WHITE, MALE

WHITE, FEMALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, MALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*
BLACK, FEMALE								
2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Accidental drowning and submersion (W65-W74)

ALL RACES 3/, BOTH SEXES

2001	0.8	0.8	0.9	0.8	0.9	1.1	1.4	1.7
2000 4/.....	1.0	0.9	0.9	0.8	1.1	1.0	1.7	1.5
1999 4/.....	1.0	0.9	0.9	0.9	1.1	1.2	1.4	1.6

ALL RACES 3/, MALE

2001	1.3	1.2	1.4	1.4	1.6	1.8	2.4	3.5
2000 4/.....	1.7	1.6	1.5	1.4	1.8	1.2	2.7	2.8
1999 4/.....	1.8	1.5	1.5	1.5	1.7	2.1	2.7	2.3

ALL RACES 3/, FEMALE

2001	0.3	0.4	0.4	*	*	0.7	0.8	1.0
2000 4/.....	0.3	*	0.4	*	0.6	0.8	1.1	1.0
1999 4/.....	0.3	0.4	0.4	0.4	0.7	0.6	0.7	1.4

WHITE, BOTH SEXES

2001	0.8	0.7	0.9	0.8	0.9	1.1	1.3	1.7
2000 4/.....	0.9	0.9	0.9	0.8	1.1	0.9	1.8	1.5
1999 4/.....	1.0	0.9	0.9	0.9	1.0	1.1	1.4	1.6

WHITE, MALE

2001	1.3	1.1	1.3	1.4	1.6	1.8	2.3	3.5
2000 4/.....	1.5	1.6	1.6	1.4	1.7	1.1	3.0	2.7
1999 4/.....	1.7	1.4	1.4	1.4	1.5	1.9	2.7	2.4

WHITE, FEMALE

2001	0.3	0.4	0.5	*	*	0.7	0.7	1.0
2000 4/.....	0.3	*	*	*	0.6	0.7	1.0	1.0
1999 4/.....	0.3	0.4	*	*	0.7	0.5	0.7	1.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidental drowning and submersion (W65-W74)

BLACK, BOTH SEXES

2001	*	1.5	*	*	*	*	*
2000 4/.....	1.6	*	*	*	*	*	*
1999 4/.....	1.1	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	2.8	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidental exposure to smoke, fire and flames (X00-X09)

ALL RACES 3/, BOTH SEXES

2001	1.1	1.5	1.5	2.0	2.5	3.0	3.8	5.7
2000 4/.....	1.3	1.4	1.7	2.0	2.4	3.5	4.3	6.2
1999 4/.....	1.0	1.2	1.5	2.0	2.5	3.5	4.7	5.9

ALL RACES 3/, MALE

2001	1.5	2.1	1.8	2.5	3.0	3.5	5.1	8.3
2000 4/.....	1.8	1.9	2.2	2.4	3.2	4.5	5.9	9.4
1999 4/.....	1.3	1.6	1.9	2.5	3.4	4.3	6.6	9.3

ALL RACES 3/, FEMALE

2001	0.7	1.0	1.2	1.5	2.1	2.7	3.1	4.6
2000 4/.....	0.7	0.9	1.2	1.6	1.8	2.8	3.4	4.9
1999 4/.....	0.7	0.9	1.2	1.6	1.8	3.0	3.6	4.5

WHITE, BOTH SEXES

2001	1.0	1.3	1.3	1.7	2.1	2.6	3.2	4.8
2000 4/.....	1.2	1.1	1.4	1.7	2.0	2.8	3.5	5.1
1999 4/.....	0.9	1.1	1.2	1.6	2.0	2.8	3.9	4.7

WHITE, MALE

2001	1.2	1.8	1.5	2.1	2.4	2.8	4.4	7.0
2000 4/.....	1.7	1.6	1.8	2.0	2.7	3.6	4.8	8.2
1999 4/.....	1.2	1.4	1.7	2.0	2.6	3.3	5.8	8.0

WHITE, FEMALE

2001	0.7	0.8	1.1	1.3	1.9	2.4	2.5	3.8
2000 4/.....	0.7	0.7	1.1	1.4	1.5	2.3	2.7	3.9
1999 4/.....	0.6	0.9	0.8	1.3	1.5	2.5	2.8	3.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidental exposure to smoke, fire and flames (X00-X09)

BLACK, BOTH SEXES

2001	2.5	3.7	3.3	5.2	7.3	8.5	11.6	17.8
2000 4/.....	2.6	3.9	4.5	5.0	7.1	11.4	16.1	20.3
1999 4/.....	2.3	2.6	4.3	5.7	8.3	12.0	15.3	21.7

BLACK, MALE

2001	4.2	5.0	4.9	7.4	11.1	12.1	*	27.2
2000 4/.....	4.0	5.8	7.0	7.5	10.4	16.5	21.9	27.7
1999 4/.....	3.3	4.1	4.2	7.8	13.2	17.1	20.1	29.3

BLACK, FEMALE

2001	*	2.7	*	*	4.7	6.4	10.2	14.3
2000 4/.....	*	*	*	*	4.9	8.3	13.2	17.6
1999 4/.....	*	*	4.3	4.2	5.0	8.9	13.0	18.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTER- NATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidental poisoning and exposure to noxious substances (X40-X49)

ALL RACES 3/, BOTH SEXES								
2001	7.0	3.7	2.4	1.7	1.5	2.1	2.4	3.5
2000 4/.....	6.1	3.3	2.2	1.5	1.5	1.6	2.6	4.3
1999 4/.....	5.4	3.4	2.0	1.7	1.6	1.9	2.6	3.4
ALL RACES 3/, MALE								
2001	9.9	5.0	3.0	2.0	2.1	2.7	2.8	3.8
2000 4/.....	8.9	4.0	2.7	1.8	1.7	1.6	2.9	6.2
1999 4/.....	7.9	4.7	3.0	2.2	1.9	2.1	2.9	4.4
ALL RACES 3/, FEMALE								
2001	4.1	2.6	1.9	1.4	1.0	1.6	2.2	3.3
2000 4/.....	3.4	2.7	1.8	1.3	1.3	1.6	2.4	3.6
1999 4/.....	3.1	2.2	1.2	1.2	1.4	1.7	2.4	3.0
WHITE, BOTH SEXES								
2001	6.1	3.4	2.1	1.6	1.4	2.0	2.3	3.3
2000 4/.....	5.3	3.0	2.1	1.5	1.4	1.7	2.6	4.1
1999 4/.....	4.8	3.1	1.7	1.5	1.4	1.9	2.6	3.3
WHITE, MALE								
2001	8.5	4.3	2.3	1.9	2.0	2.4	2.7	3.7
2000 4/.....	7.6	3.3	2.4	1.6	1.6	1.7	2.9	5.9
1999 4/.....	6.6	4.0	2.3	2.0	1.7	2.1	3.0	4.5
WHITE, FEMALE								
2001	3.8	2.6	1.9	1.4	1.0	1.7	2.0	3.1
2000 4/.....	3.1	2.7	1.8	1.4	1.3	1.7	2.5	3.4
1999 4/.....	3.0	2.3	1.2	1.1	1.2	1.8	2.4	2.8

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Accidental poisoning and exposure to noxious substances (X40-X49)

BLACK, BOTH SEXES

2001	15.4	7.4	5.4	2.6	*	*	*	6.4
2000 4/.....	14.2	6.8	3.9	2.7	*	*	*	8.1
1999 4/.....	12.3	6.5	5.5	2.9	3.2	*	*	*

BLACK, MALE

2001	24.8	12.7	9.6	*	*	*	*	*
2000 4/.....	23.1	11.5	7.0	*	*	*	*	*
1999 4/.....	20.9	11.9	10.0	*	*	*	*	*

BLACK, FEMALE

2001	7.5	3.1	*	*	*	*	*	*
2000 4/.....	6.6	3.0	*	*	*	*	*	*
1999 4/.....	4.9	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)

ALL RACES 3/, BOTH SEXES

2001	4.5	4.6	6.3	7.8	12.3	22.5	42.2	115.0
2000 4/.....	4.1	5.0	6.3	7.8	12.2	22.0	41.4	117.1
1999 4/.....	4.4	5.1	6.3	8.9	13.3	23.6	46.9	128.9

ALL RACES 3/, MALE

2001	6.8	6.7	8.9	10.9	15.9	29.3	52.7	134.0
2000 4/.....	6.7	7.7	9.1	10.8	15.6	28.1	51.6	135.2
1999 4/.....	7.2	7.8	9.1	12.0	18.0	29.9	59.3	152.7

ALL RACES 3/, FEMALE

2001	2.2	2.5	3.8	5.2	9.5	17.7	35.9	107.0
2000 4/.....	1.7	2.4	3.8	5.2	9.6	17.8	35.4	109.8
1999 4/.....	1.7	2.5	3.7	6.3	9.6	19.3	39.6	119.3

WHITE, BOTH SEXES

2001	4.4	4.5	5.9	7.7	11.9	22.3	42.5	117.7
2000 4/.....	4.0	4.7	6.2	7.4	11.8	21.7	41.9	120.5
1999 4/.....	4.2	4.7	5.8	8.6	12.7	22.8	46.8	132.4

WHITE, MALE

2001	6.6	6.5	8.5	10.7	15.3	29.1	51.9	137.0
2000 4/.....	6.4	7.3	8.7	10.1	15.1	27.1	51.2	137.6
1999 4/.....	6.8	7.1	8.5	11.3	17.0	28.7	59.0	155.2

WHITE, FEMALE

2001	2.3	2.6	3.5	5.1	9.1	17.4	36.8	109.7
2000 4/.....	1.6	2.3	3.8	5.1	9.1	17.9	36.4	113.6
1999 4/.....	1.7	2.4	3.3	6.2	9.3	18.7	39.6	123.2

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified nontransport accidents and their sequelae (W20-W31,W35-W64,W75-W99,X10-X39,X50-X59,Y86)

BLACK, BOTH SEXES

2001	5.8	5.9	10.4	10.4	18.7	27.3	43.9	96.1
2000 4/.....	5.6	7.9	8.6	12.3	18.1	30.2	39.2	90.1
1999 4/.....	6.6	9.3	10.9	13.9	22.9	36.2	53.7	105.5

BLACK, MALE

2001	9.5	9.9	14.6	15.8	25.2	35.3	72.2	114.6
2000 4/.....	10.0	13.8	13.9	18.2	23.1	46.8	64.1	124.5
1999 4/.....	11.0	15.4	16.1	20.8	34.9	50.3	69.8	153.5

BLACK, FEMALE

2001	2.7	2.7	7.0	6.4	14.3	22.5	29.4	89.3
2000 4/.....	*	3.0	4.4	7.9	14.9	20.2	26.7	77.3
1999 4/.....	2.8	4.3	6.8	8.9	14.9	27.7	45.8	87.6

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Intentional self-harm (suicide) (*U03,X60-X84,Y87.0)

ALL RACES 3/, BOTH SEXES

2001 5/.....	14.6	14.0	12.0	12.7	13.9	16.4	18.9	17.5
2000 4/.....	13.9	12.7	11.4	11.3	13.8	16.5	19.3	19.6
1999 4/.....	13.4	12.8	11.4	12.4	14.5	17.4	19.2	19.3

ALL RACES 3/, MALE

2001 5/.....	22.4	22.3	19.5	22.7	26.7	33.8	44.2	51.1
2000 4/.....	21.4	20.1	18.7	19.8	26.1	34.9	44.8	57.5
1999 4/.....	20.6	20.3	19.1	22.1	27.7	35.6	44.1	57.1

ALL RACES 3/, FEMALE

2001 5/.....	7.0	6.2	5.2	4.1	3.7	4.3	3.8	3.4
2000 4/.....	6.8	5.8	4.9	4.0	4.1	3.8	4.2	4.2
1999 4/.....	6.5	5.8	4.4	4.2	4.1	4.8	4.6	4.1

WHITE, BOTH SEXES

2001 5/.....	16.2	15.3	13.1	13.8	14.9	17.6	20.0	18.6
2000 4/.....	15.3	13.9	12.6	12.3	14.7	17.6	20.4	21.0
1999 4/.....	14.8	14.0	12.3	13.3	15.6	18.6	20.4	20.7

WHITE, MALE

2001 5/.....	24.7	24.3	21.0	24.5	28.3	36.0	46.8	55.0
2000 4/.....	23.2	21.8	20.4	21.3	27.6	37.1	47.7	61.6
1999 4/.....	22.3	21.9	20.5	23.6	29.5	37.9	46.8	61.5

WHITE, FEMALE

2001 5/.....	7.9	6.8	5.8	4.3	4.0	4.6	3.8	3.4
2000 4/.....	7.5	6.4	5.5	4.4	4.4	3.9	4.2	4.5
1999 4/.....	7.4	6.4	4.8	4.4	4.5	5.0	4.8	4.3

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Intentional self-harm (suicide) by discharge of firearms (X72-X74)

ALL RACES 3/, BOTH SEXES

2001	8.0	8.4	8.0	9.0	10.3	12.4	14.1	12.2
2000 4/.....	7.8	7.4	7.7	8.3	10.3	12.4	14.0	13.2
1999 4/.....	7.2	8.1	7.5	8.7	10.9	12.9	13.5	12.6

ALL RACES 3/, MALE

2001	13.8	14.9	14.2	17.3	21.4	27.7	35.5	38.9
2000 4/.....	13.3	13.1	13.9	15.9	21.3	28.1	35.4	42.9
1999 4/.....	12.4	14.0	14.0	16.9	22.4	29.1	34.6	41.6

ALL RACES 3/, FEMALE

2001	2.4	2.4	2.3	1.9	1.4	1.7	1.3	1.0
2000 4/.....	2.5	2.1	2.1	1.8	1.6	1.4	1.4	1.1
1999 4/.....	2.1	2.6	1.6	1.7	1.8	1.6	1.2	0.9

WHITE, BOTH SEXES

2001	9.0	9.4	8.9	10.0	11.1	13.4	15.0	13.2
2000 4/.....	8.7	8.2	8.5	9.2	11.1	13.4	15.2	14.3
1999 4/.....	8.0	8.9	8.2	9.5	11.8	13.9	14.4	13.6

WHITE, MALE

2001	15.4	16.3	15.7	19.0	22.9	29.7	37.8	42.1
2000 4/.....	14.7	14.2	15.3	17.3	22.7	30.4	38.1	46.5
1999 4/.....	13.7	15.1	15.2	18.3	24.0	31.2	36.8	44.9

WHITE, FEMALE

2001	2.8	2.7	2.7	2.0	1.5	1.8	1.3	1.1
2000 4/.....	2.8	2.4	2.3	2.1	1.8	1.5	1.5	1.2
1999 4/.....	2.5	3.0	1.8	1.8	2.1	1.8	1.3	1.0

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

NATIONAL CLASSIFICATION OF DISEASES, 1992)	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Intentional self-harm (suicide) by other and unspecified means and their sequelae (*U03,X60-X71,X75-X84,Y87.0)

ALL RACES 3/, BOTH SEXES

2001 5/.....	6.6	5.6	4.0	3.7	3.6	4.0	4.8	5.3
2000 4/.....	6.2	5.2	3.7	3.0	3.5	4.2	5.3	6.5
1999 4/.....	6.2	4.7	3.9	3.8	3.6	4.5	5.7	6.7

ALL RACES 3/, MALE

2001 5/.....	8.6	7.5	5.3	5.4	5.4	6.1	8.7	12.2
2000 4/.....	8.1	6.9	4.8	3.9	4.8	6.8	9.4	14.6
1999 4/.....	8.1	6.4	5.1	5.2	5.3	6.6	9.5	15.5

ALL RACES 3/, FEMALE

2001 5/.....	4.6	3.8	2.8	2.2	2.3	2.6	2.4	2.4
2000 4/.....	4.3	3.7	2.8	2.1	2.5	2.4	2.8	3.2
1999 4/.....	4.4	3.2	2.8	2.5	2.3	3.1	3.4	3.1

WHITE, BOTH SEXES

2001 5/.....	7.2	5.9	4.2	3.8	3.7	4.2	5.0	5.5
2000 4/.....	6.6	5.7	4.1	3.1	3.6	4.2	5.3	6.7
1999 4/.....	6.7	5.1	4.1	3.8	3.8	4.7	5.9	7.1

WHITE, MALE

2001 5/.....	9.3	7.9	5.3	5.5	5.3	6.3	9.0	12.9
2000 4/.....	8.5	7.6	5.2	4.0	4.9	6.7	9.6	15.2
1999 4/.....	8.6	6.7	5.2	5.3	5.5	6.7	10.0	16.6

WHITE, FEMALE

2001 5/.....	5.1	4.1	3.1	2.3	2.5	2.8	2.5	2.3
2000 4/.....	4.8	4.0	3.1	2.3	2.6	2.5	2.7	3.3
1999 4/.....	4.9	3.5	3.0	2.6	2.4	3.3	3.5	3.3

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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BLACK, BOTH SEXES

BLACK, MALE

BLACK, FEMALE

2001 5/.....	*	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)

ALL RACES 3/, BOTH SEXES

2001 5/.....	5.5	4.4	3.5	3.3	2.5	2.5	2.5	2.4
2000 4/.....	4.0	3.4	2.6	2.4	2.4	2.3	2.6	2.4
1999 4/.....	4.0	3.2	2.8	2.7	2.4	2.5	2.4	2.4

ALL RACES 3/, MALE

2001 5/.....	8.3	6.7	5.0	4.6	3.3	3.2	3.0	3.2
2000 4/.....	5.9	5.2	3.9	3.3	3.4	2.8	3.8	3.3
1999 4/.....	5.8	5.1	4.3	4.2	3.1	3.4	3.4	3.4

ALL RACES 3/, FEMALE

2001 5/.....	2.7	2.3	2.2	2.1	1.9	1.9	2.2	2.0
2000 4/.....	2.1	1.7	1.5	1.7	1.6	2.0	1.9	2.0
1999 4/.....	2.2	1.4	1.5	1.5	1.9	1.9	1.9	2.0

WHITE, BOTH SEXES

2001 5/.....	4.4	3.8	3.0	2.7	2.2	2.1	2.2	2.2
2000 4/.....	2.9	2.7	2.0	1.8	2.0	2.1	2.0	2.2
1999 4/.....	3.0	2.6	2.3	2.3	2.0	2.0	2.1	2.1

WHITE, MALE

2001 5/.....	6.5	5.5	4.2	3.7	2.6	2.7	2.6	2.8
2000 4/.....	4.0	4.0	2.8	2.2	2.6	2.4	2.5	2.8
1999 4/.....	4.3	3.8	3.3	3.4	2.5	2.6	2.9	2.7

WHITE, FEMALE

2001 5/.....	2.4	2.1	1.9	1.9	1.8	1.7	1.9	2.0
2000 4/.....	1.8	1.4	1.3	1.4	1.5	1.8	1.7	1.9
1999 4/.....	1.7	1.3	1.3	1.4	1.7	1.6	1.6	1.9

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Assault (homicide) (*U01-*U02,X85-Y09,Y87.1)

BLACK, BOTH SEXES

2001 5/.....	13.6	9.9	7.5	7.7	6.5	6.9	6.2	*
2000 4/.....	12.4	9.1	7.4	8.2	6.8	5.3	9.6	*
1999 4/.....	11.2	8.8	7.4	6.6	6.0	8.2	6.1	*

BLACK, MALE

2001 5/.....	23.1	17.4	12.0	13.2	11.8	11.6	*	*
2000 4/.....	22.4	16.0	13.0	15.1	12.4	*	19.4	*
1999 4/.....	18.5	17.0	12.7	13.0	10.2	13.8	*	*

BLACK, FEMALE

2001 5/.....	5.6	3.8	4.0	*	*	*	*	*
2000 4/.....	3.8	3.5	*	*	*	*	*	*
1999 4/.....	5.0	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Assault (homicide) by discharge of firearms (*U01.4,X93-X95)

ALL RACES 3/, BOTH SEXES

2001	2.1	1.5	1.4	1.2	0.9	0.8	0.7	*
2000 4/.....	2.1	1.7	1.2	1.0	1.0	0.7	0.5	0.7
1999 4/.....	2.0	1.6	1.6	1.1	1.0	0.8	0.7	0.6

ALL RACES 3/, MALE

2001	3.2	2.3	2.0	1.8	1.1	1.2	*	*
2000 4/.....	3.3	2.6	1.8	1.3	1.3	0.8	*	*
1999 4/.....	3.0	2.6	2.5	1.5	1.4	1.1	*	*

ALL RACES 3/, FEMALE

2001	1.0	0.7	0.8	0.7	0.7	0.5	0.7	*
2000 4/.....	1.0	0.9	0.7	0.8	0.7	0.7	*	*
1999 4/.....	1.1	0.6	0.7	0.7	0.7	0.6	0.6	*

WHITE, BOTH SEXES

2001	1.5	1.2	1.2	1.0	0.7	0.7	0.7	*
2000 4/.....	1.5	1.4	1.0	0.8	0.8	0.7	*	0.6
1999 4/.....	1.5	1.2	1.2	1.0	0.9	0.7	0.7	0.6

WHITE, MALE

2001	2.3	1.6	1.7	1.3	0.8	1.0	*	*
2000 4/.....	2.2	2.1	1.4	1.0	0.9	0.7	*	*
1999 4/.....	2.3	1.9	1.8	1.3	1.1	0.7	*	*

WHITE, FEMALE

2001	0.8	0.8	0.7	0.8	0.7	0.5	0.7	*
2000 4/.....	0.9	0.8	0.7	0.7	0.7	0.7	*	*
1999 4/.....	0.7	0.6	0.7	0.7	0.7	0.6	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Assault (homicide) by discharge of firearms (*U01.4,X93-X95)

BLACK, BOTH SEXES

2001	6.5	4.3	3.0	2.9	*	*	*	*
2000 4/.....	7.0	4.2	2.6	2.8	2.7	*	*	*
1999 4/.....	5.9	4.5	4.2	2.2	*	*	*	*

BLACK, MALE

2001	11.8	8.6	5.1	6.4	*	*	*	*
2000 4/.....	13.1	7.1	5.4	5.2	*	*	*	*
1999 4/.....	9.5	9.3	8.3	*	*	*	*	*

BLACK, FEMALE

2001	1.9	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*	*
1999 4/.....	2.8	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 55-59 60-64 65-69 70-74 75-79 80-84 85 YEARS
YEARS YEARS YEARS YEARS YEARS YEARS YEARS AND OVER

Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)

ALL RACES 3/, BOTH SEXES

2001 5/.....	3.4	2.9	2.1	2.1	1.6	1.6	1.8	2.0
2000 4/.....	1.8	1.6	1.4	1.4	1.4	1.6	2.1	1.7
1999 4/.....	1.9	1.6	1.3	1.6	1.4	1.7	1.7	1.8

ALL RACES 3/, MALE

2001 5/.....	5.0	4.4	3.0	2.8	2.2	2.0	2.1	2.7
2000 4/.....	2.6	2.6	2.0	2.0	2.1	2.0	3.0	2.5
1999 4/.....	2.8	2.5	1.8	2.6	1.7	2.2	2.6	2.6

ALL RACES 3/, FEMALE

2001 5/.....	1.8	1.5	1.4	1.4	1.2	1.4	1.6	1.7
2000 4/.....	1.0	0.8	0.8	0.9	0.9	1.3	1.5	1.4
1999 4/.....	1.1	0.9	0.8	0.8	1.2	1.3	1.2	1.5

WHITE, BOTH SEXES

2001 5/.....	2.9	2.6	1.8	1.7	1.4	1.4	1.5	1.8
2000 4/.....	1.4	1.2	1.0	1.0	1.1	1.4	1.6	1.5
1999 4/.....	1.5	1.3	1.0	1.4	1.2	1.4	1.4	1.5

WHITE, MALE

2001 5/.....	4.2	3.9	2.5	2.4	1.8	1.7	2.0	2.3
2000 4/.....	1.8	1.9	1.5	1.3	1.6	1.7	2.2	2.1
1999 4/.....	2.1	1.9	1.5	2.1	1.3	1.8	2.2	1.9

WHITE, FEMALE

2001 5/.....	1.6	1.4	1.1	1.1	1.1	1.2	1.2	1.6
2000 4/.....	0.9	0.6	0.6	0.7	0.7	1.1	1.2	1.3
1999 4/.....	1.0	0.8	0.6	0.8	1.0	1.0	1.0	1.4

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Assault (homicide) by other and unspecified means and their sequelae (*U01.0-*U01.3,*U01.5-*U01.9,*U02,X85-X92,X96-Y09,Y87.1)

BLACK, BOTH SEXES

2001 5/.....	7.2	5.6	4.6	4.8	4.0	4.7	*	*
2000 4/.....	5.3	5.0	4.7	5.4	4.1	4.1	6.8	*
1999 4/.....	5.3	4.3	3.2	4.4	3.4	5.2	*	*

BLACK, MALE

2001 5/.....	11.3	8.8	6.9	6.9	7.1	*	*	*
2000 4/.....	9.3	8.9	7.7	9.9	6.7	*	*	*
1999 4/.....	9.0	7.6	4.5	8.6	*	*	*	*

BLACK, FEMALE

2001 5/.....	3.7	3.1	*	*	*	*	*	*
2000 4/.....	2.0	*	*	*	*	*	*	*
1999 4/.....	2.2	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Legal intervention (Y35,Y89.0)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	0.2	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	0.4	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	0.2	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	0.3	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON THE TENTH REVISION, INTERNATIONAL CLASSIFICATION OF DISEASES, 1992), RACE, SEX, AND YEAR	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Events of undetermined intent (Y10-Y34,Y87.2,Y89.9)

ALL RACES 3/, BOTH SEXES								
2001	2.0	1.1	0.7	0.6	0.5	0.7	1.1	1.0
2000 4/.....	1.7	1.1	0.7	0.6	0.6	0.6	0.7	1.3
1999 4/.....	1.6	1.0	0.8	0.8	0.5	0.7	0.9	1.4
ALL RACES 3/, MALE								
2001	2.5	1.5	0.8	0.9	0.6	0.9	1.5	1.5
2000 4/.....	2.3	1.6	0.9	0.9	0.8	1.0	1.1	1.7
1999 4/.....	2.1	1.5	1.1	1.1	0.6	1.0	1.3	2.1
ALL RACES 3/, FEMALE								
2001	1.5	0.6	0.5	*	*	0.6	0.8	0.8
2000 4/.....	1.1	0.7	0.5	*	*	*	*	1.2
1999 4/.....	1.0	0.6	0.6	0.5	*	0.5	0.7	1.1
WHITE, BOTH SEXES								
2001	1.9	1.1	0.6	0.6	0.5	0.7	1.0	1.0
2000 4/.....	1.6	1.0	0.7	0.5	0.5	0.6	0.8	1.3
1999 4/.....	1.4	1.0	0.8	0.8	0.4	0.7	0.9	1.4
WHITE, MALE								
2001	2.3	1.4	0.7	0.8	0.6	0.9	1.5	*
2000 4/.....	2.1	1.3	0.9	0.8	0.7	1.0	*	*
1999 4/.....	1.8	1.3	1.0	1.1	*	1.0	1.3	2.1
WHITE, FEMALE								
2001	1.6	0.7	0.6	*	*	0.6	0.7	0.8
2000 4/.....	1.1	0.7	0.5	*	*	*	*	1.1
1999 4/.....	1.0	0.7	0.7	0.5	*	*	0.8	1.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Discharge of firearms, undetermined intent (Y22-Y24)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Discharge of firearms, undetermined intent (Y22-Y24)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54
YEARS

55-59
YEARS

60-64
YEARS

65-69
YEARS

70-74
YEARS

75-79
YEARS

80-84
YEARS

85 YEARS
AND OVER

Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)

ALL RACES 3/, BOTH SEXES

2001	1.9	1.0	0.6	0.5	0.4	0.6	1.0	1.0
2000 4/.....	1.6	1.1	0.7	0.5	0.5	0.5	0.7	1.3
1999 4/.....	1.5	1.0	0.7	0.7	0.4	0.6	0.8	1.3

ALL RACES 3/, MALE

2001	2.4	1.4	0.7	0.8	0.6	0.7	1.3	*
2000 4/.....	2.1	1.5	0.9	0.7	0.7	0.8	*	*
1999 4/.....	2.0	1.4	0.9	0.9	*	0.9	*	1.8

ALL RACES 3/, FEMALE

2001	1.5	0.6	0.5	*	*	0.6	0.7	0.8
2000 4/.....	1.1	0.7	0.4	*	*	*	*	1.2
1999 4/.....	1.0	0.6	0.5	0.5	*	*	0.7	1.1

WHITE, BOTH SEXES

2001	1.8	1.0	0.6	0.5	0.4	0.6	0.9	1.0
2000 4/.....	1.5	0.9	0.6	0.5	0.5	0.5	0.7	1.2
1999 4/.....	1.3	0.9	0.7	0.7	0.4	0.6	0.8	1.3

WHITE, MALE

2001	2.2	1.3	0.6	0.7	*	0.7	1.4	*
2000 4/.....	2.0	1.2	0.8	0.6	0.6	0.8	*	*
1999 4/.....	1.7	1.2	0.9	0.9	*	0.8	*	*

WHITE, FEMALE

2001	1.5	0.7	0.6	*	*	0.6	*	0.8
2000 4/.....	1.1	0.7	0.4	*	*	*	*	1.1
1999 4/.....	1.0	0.7	0.6	0.5	*	*	0.8	1.1

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Other and unspecified events of undetermined intent and their sequelae (Y10-Y21,Y25-Y34,Y87.2,Y89.9)

BLACK, BOTH SEXES

2001	3.2	*	*	*	*	*	*
2000 4/.....	2.8	2.1	*	*	*	*	*
1999 4/.....	3.3	*	*	*	*	*	*

BLACK, MALE

2001	5.2	*	*	*	*	*	*
2000 4/.....	4.3	3.5	*	*	*	*	*
1999 4/.....	5.7	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Operations of war and their sequelae (Y36,Y89.1)

ALL RACES 3/, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

ALL RACES 3/, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WHITE, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Operations of war and their sequelae (Y36,Y89.1)

BLACK, BOTH SEXES

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, MALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

BLACK, FEMALE

2001	*	*	*	*	*	*	*
2000 4/.....	*	*	*	*	*	*	*
1999 4/.....	*	*	*	*	*	*	*

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
THE TENTH REVISION, INTER-
NATIONAL CLASSIFICATION
OF DISEASES, 1992),
RACE, SEX, AND YEAR

	50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Complications of medical and surgical care (Y40-Y84,Y88)

ALL RACES 3/, BOTH SEXES

2001	0.8	1.3	1.9	2.6	3.6	5.9	8.3	12.8
2000 4/.....	0.9	1.2	2.0	2.8	4.3	5.8	8.0	13.6
1999 4/.....	0.7	1.1	1.7	2.4	4.0	5.5	8.4	12.7

ALL RACES 3/, MALE

2001	0.8	1.3	2.0	2.6	3.8	6.3	9.9	14.5
2000 4/.....	1.0	1.2	2.0	2.8	5.3	7.0	10.4	16.0
1999 4/.....	0.7	1.2	1.7	2.3	4.5	6.4	10.1	16.5

ALL RACES 3/, FEMALE

2001	0.8	1.2	1.7	2.6	3.5	5.7	7.3	12.1
2000 4/.....	0.9	1.1	2.0	2.7	3.6	4.9	6.7	12.7
1999 4/.....	0.7	0.9	1.6	2.5	3.6	4.8	7.4	11.2

WHITE, BOTH SEXES

2001	0.7	1.1	1.6	2.4	3.2	5.8	8.2	12.1
2000 4/.....	0.9	1.0	1.8	2.6	4.1	5.4	8.0	13.1
1999 4/.....	0.6	0.9	1.5	2.3	3.8	5.2	8.0	12.1

WHITE, MALE

2001	0.6	1.1	1.7	2.5	3.2	6.2	10.0	13.6
2000 4/.....	1.0	1.1	1.8	2.5	5.0	6.8	10.6	15.8
1999 4/.....	0.6	1.0	1.6	2.3	4.2	6.2	9.7	15.6

WHITE, FEMALE

2001	0.7	1.1	1.6	2.4	3.2	5.6	7.0	11.5
2000 4/.....	0.9	0.9	1.8	2.7	3.3	4.5	6.4	12.0
1999 4/.....	0.6	0.7	1.5	2.4	3.4	4.5	7.1	10.7

WORK TABLE 291R. DEATH RATES FOR 113 SELECTED CAUSES, BY 5-YEAR AGE GROUPS, RACE, AND SEX: UNITED STATES, 1999-2001

[RATES PER 100,000 POPULATION IN SPECIFIED GROUP. RATES ARE BASED ON POPULATIONS ENUMERATED AS OF APRIL 1 FOR 2000 AND ESTIMATED AS OF JULY 1 FOR ALL OTHER YEARS. FOR EXPLANATION OF ASTERISKS PRECEDING CAUSE-OF-DEATH CODES, SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY, 2001"]

CAUSE OF DEATH (BASED ON
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RACE, SEX, AND YEAR

50-54 YEARS	55-59 YEARS	60-64 YEARS	65-69 YEARS	70-74 YEARS	75-79 YEARS	80-84 YEARS	85 YEARS AND OVER
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Complications of medical and surgical care (Y40-Y84,Y88)

BLACK, BOTH SEXES

2001	1.5	2.7	4.2	4.6	8.5	8.0	11.1	23.3
2000 4/.....	1.7	2.6	4.7	4.6	7.9	10.5	10.4	21.0
1999 4/.....	1.8	2.6	2.6	3.5	7.3	9.5	12.4	20.1

BLACK, MALE

2001	*	3.4	5.1	5.3	11.1	*	*	29.5
2000 4/.....	*	*	4.6	6.2	9.4	10.4	*	*
1999 4/.....	*	*	*	*	9.2	10.4	*	23.4

BLACK, FEMALE

2001	*	*	3.5	4.1	6.7	8.0	11.0	21.0
2000 4/.....	*	3.1	4.7	*	6.9	10.5	10.6	21.9
1999 4/.....	*	*	*	*	6.1	8.9	10.8	18.8

0.0 QUANTITY MORE THAN ZERO BUT LESS THAN 0.05.

* FIGURE DOES NOT MEET STANDARDS OF RELIABILITY OR PRECISION.

... CATEGORY NOT APPLICABLE.

1/ FIGURES FOR AGE NOT STATED INCLUDED IN "ALL AGES" BUT NOT DISTRIBUTED AMONG AGE GROUPS.

2/ DEATH RATES FOR "UNDER 1 YEAR" (BASED ON POPULATION ESTIMATES) DIFFER FROM INFANT MORTALITY RATES (BASED ON LIVE BIRTHS).

3/ INCLUDES RACES OTHER THAN WHITE AND BLACK.

4/ RATES ARE REVISED AND MAY DIFFER FROM RATES PREVIOUSLY PUBLISHED; SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY 2001."

5/ FIGURES INCLUDE SEPTEMBER 11, 2001 RELATED DEATHS FOR WHICH DEATH CERTIFICATES WERE FILED AS OF 10/24/02; SEE [HTTP://WWW.CDC.GOV/NCHS](http://www.cdc.gov/nchs) AND REFER TO "TECHNICAL APPENDIX FROM VITAL STATISTICS OF THE UNITED STATES: MORTALITY 2001."

SOURCE: CDC/NCHS, NATIONAL VITAL STATISTICS SYSTEM, MORTALITY.